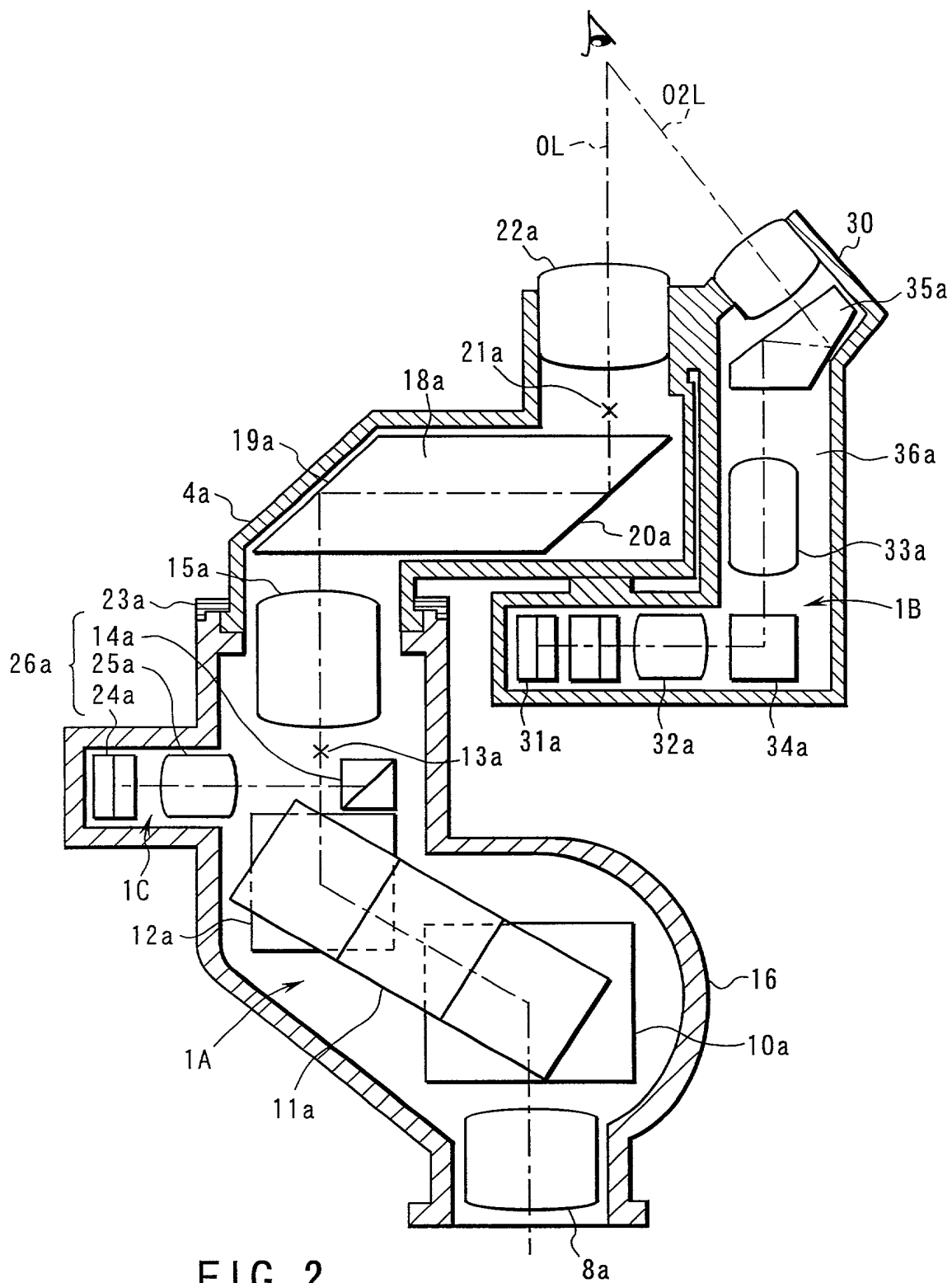


FIG. 1



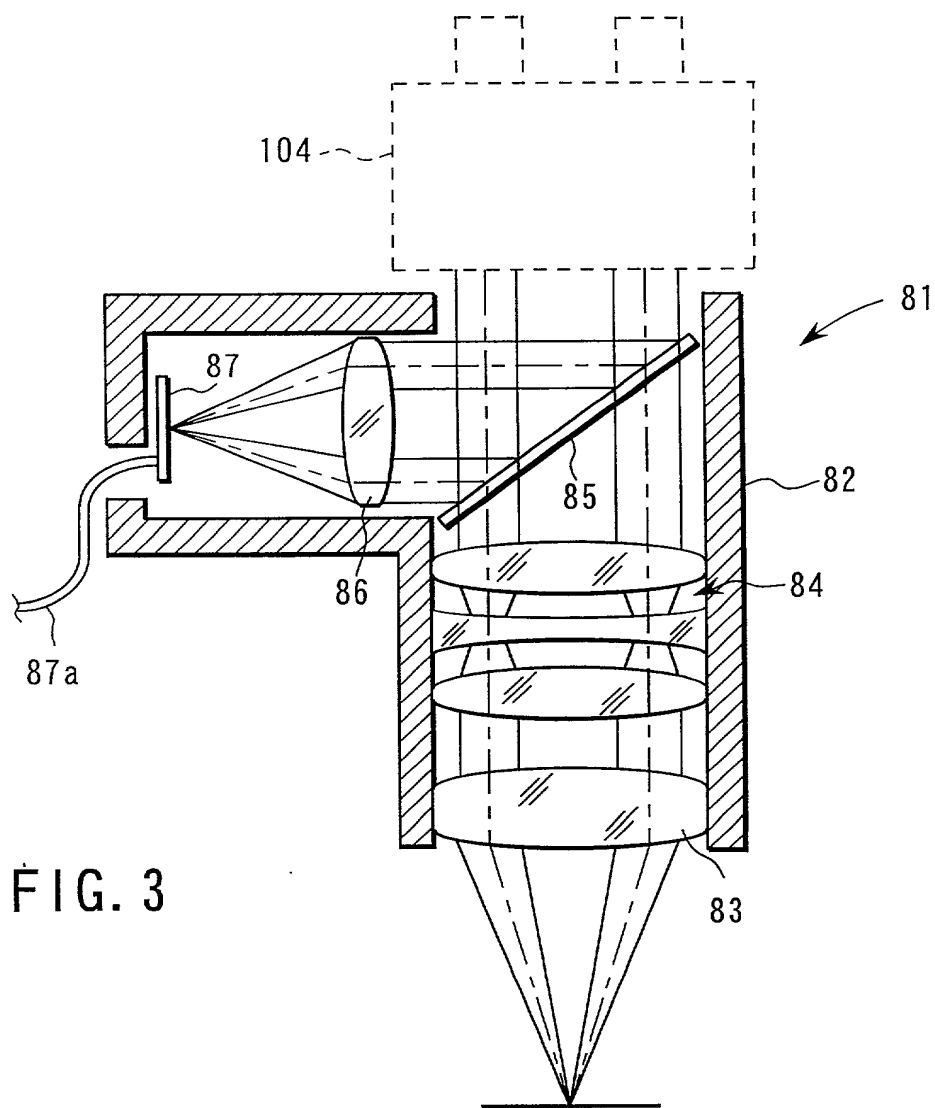


FIG. 3

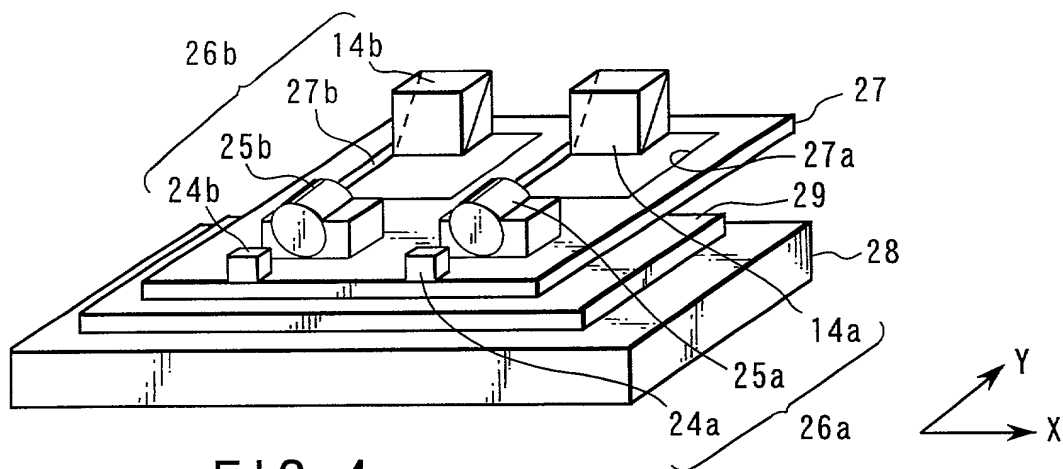


FIG. 4

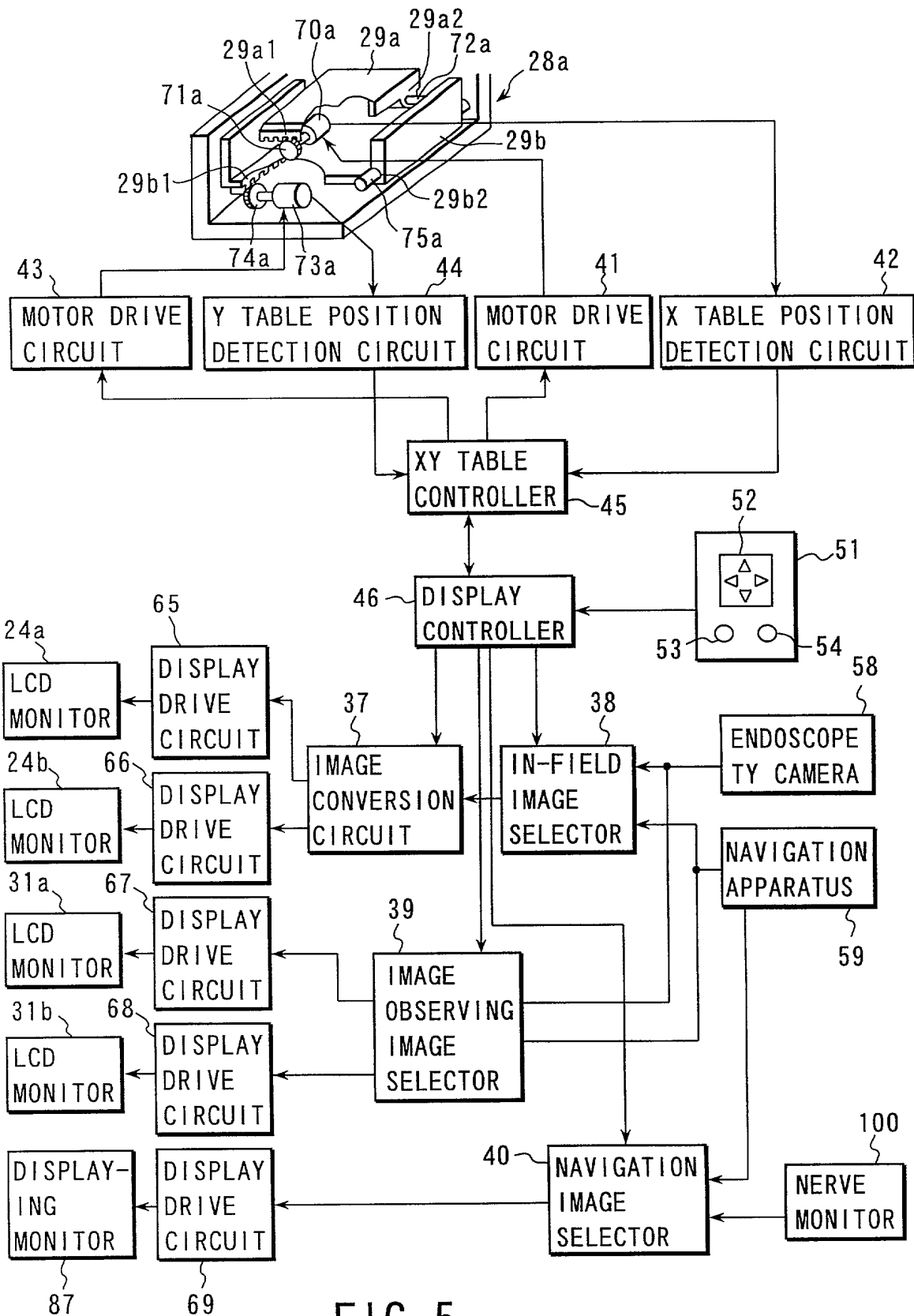


FIG. 5

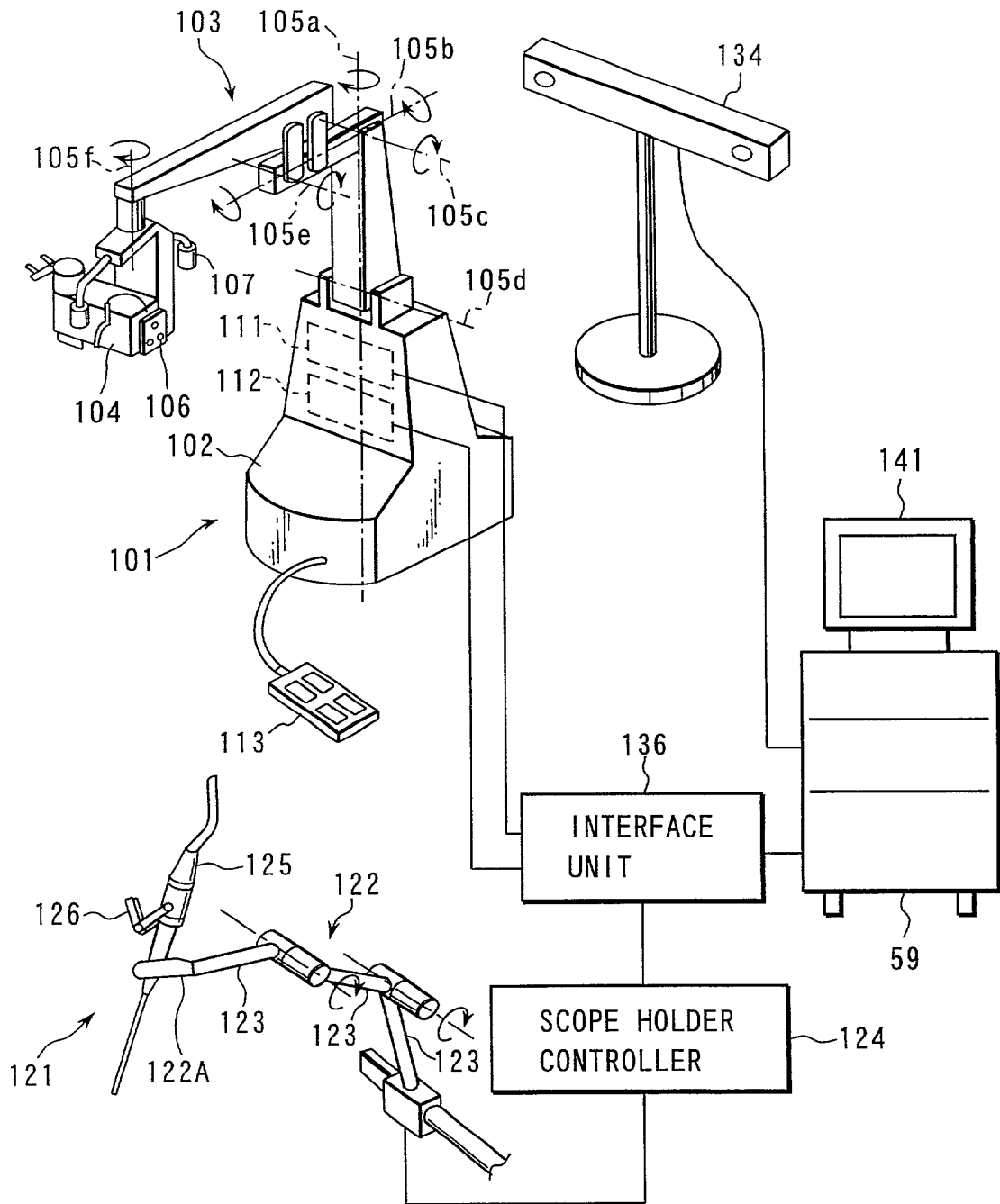


FIG. 6

FIG. 7

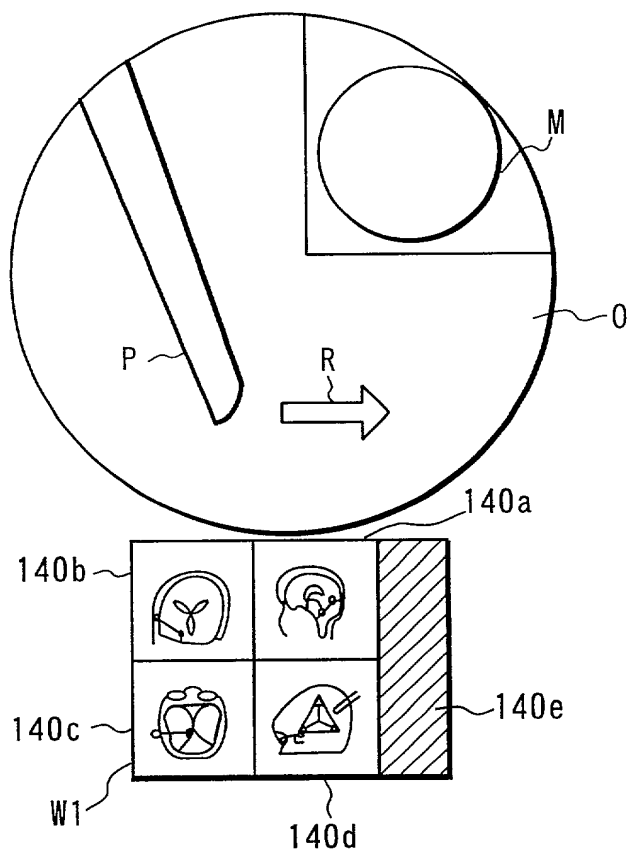
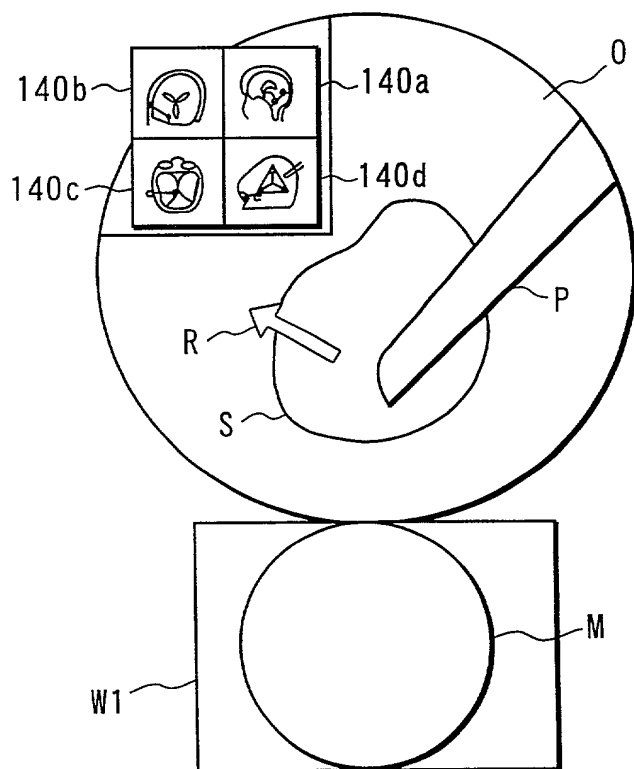


FIG. 8



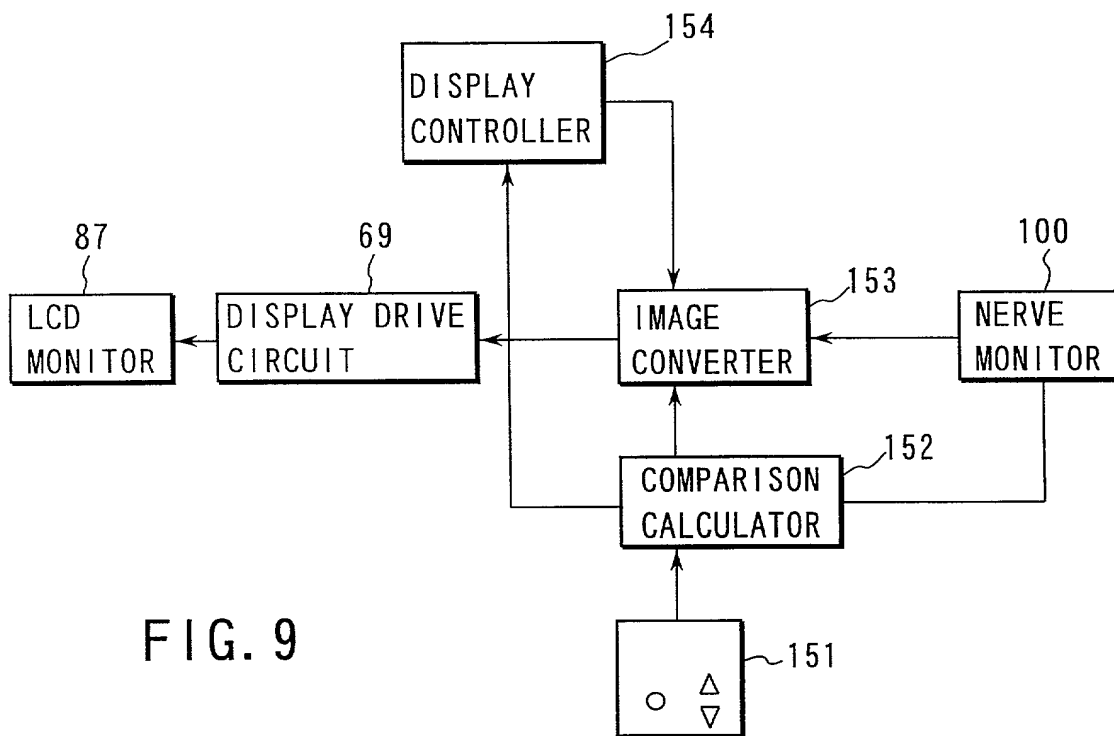


FIG. 9

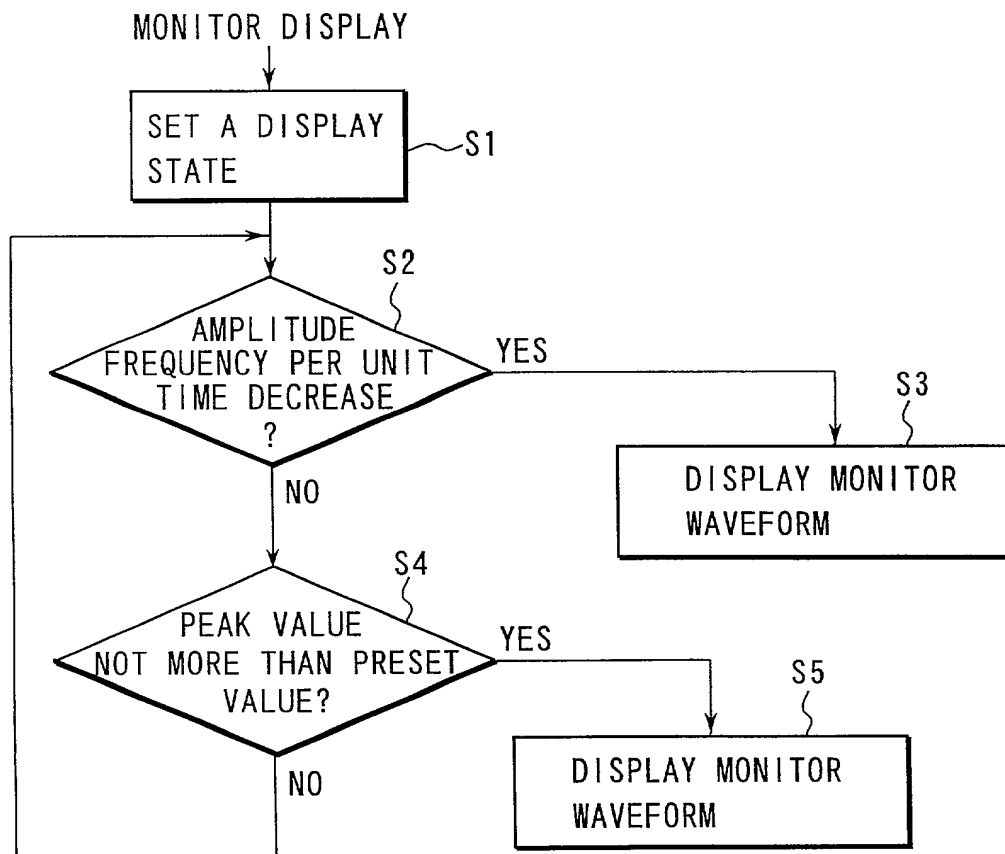


FIG. 10

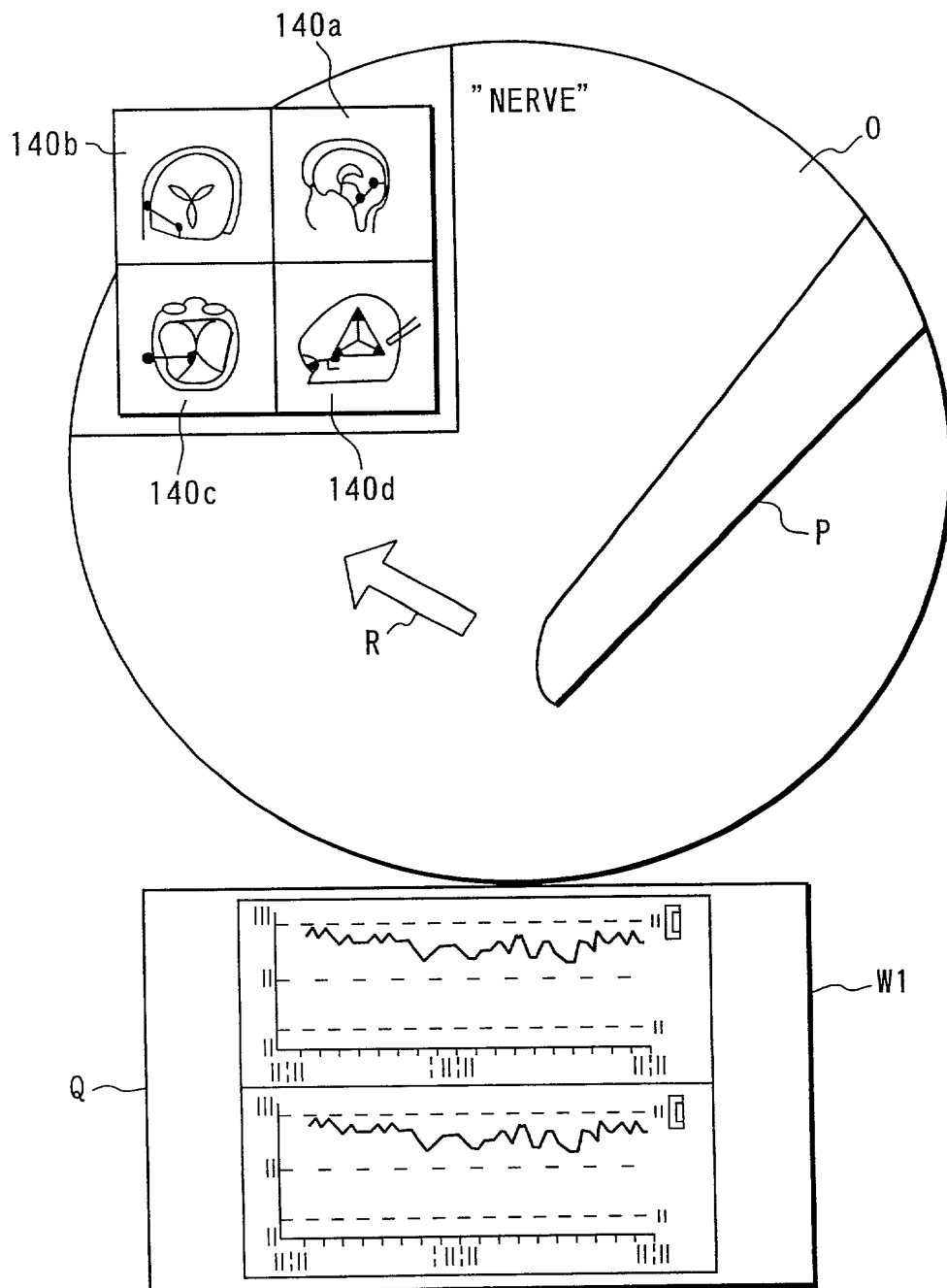


FIG. 11



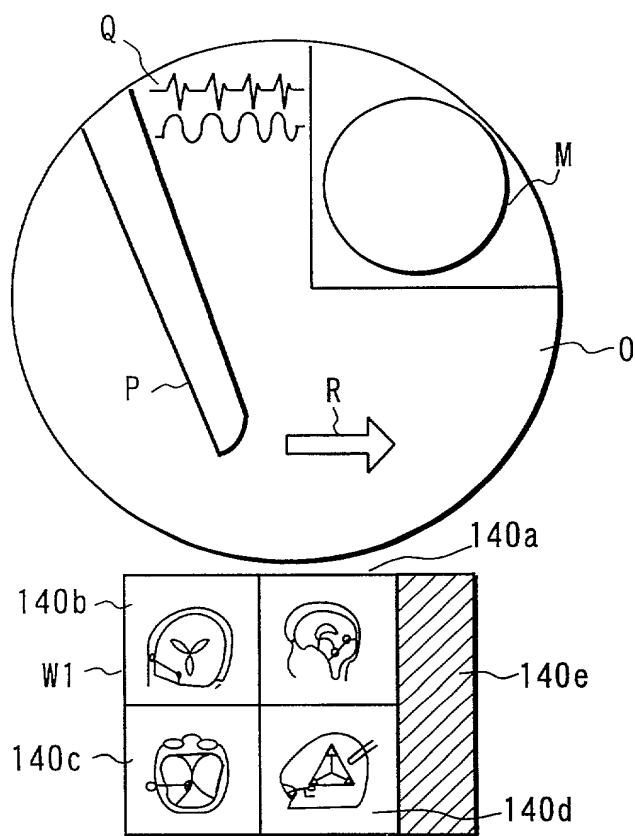


FIG. 12

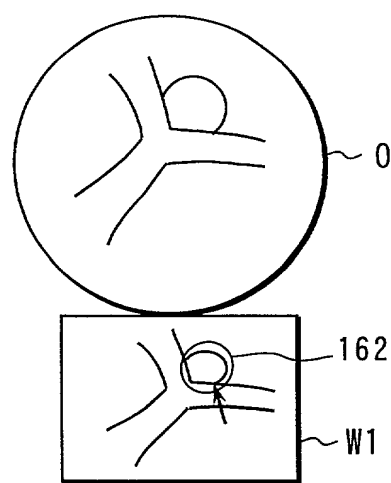


FIG. 14

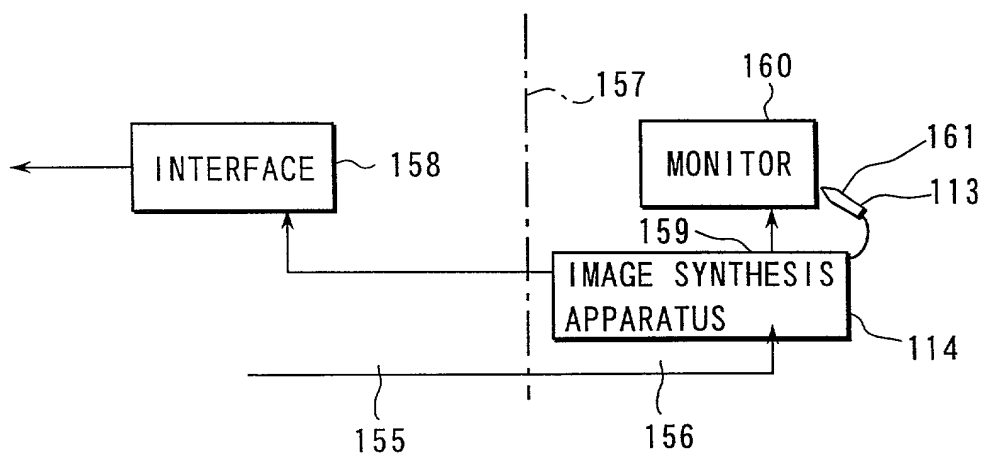


FIG. 13

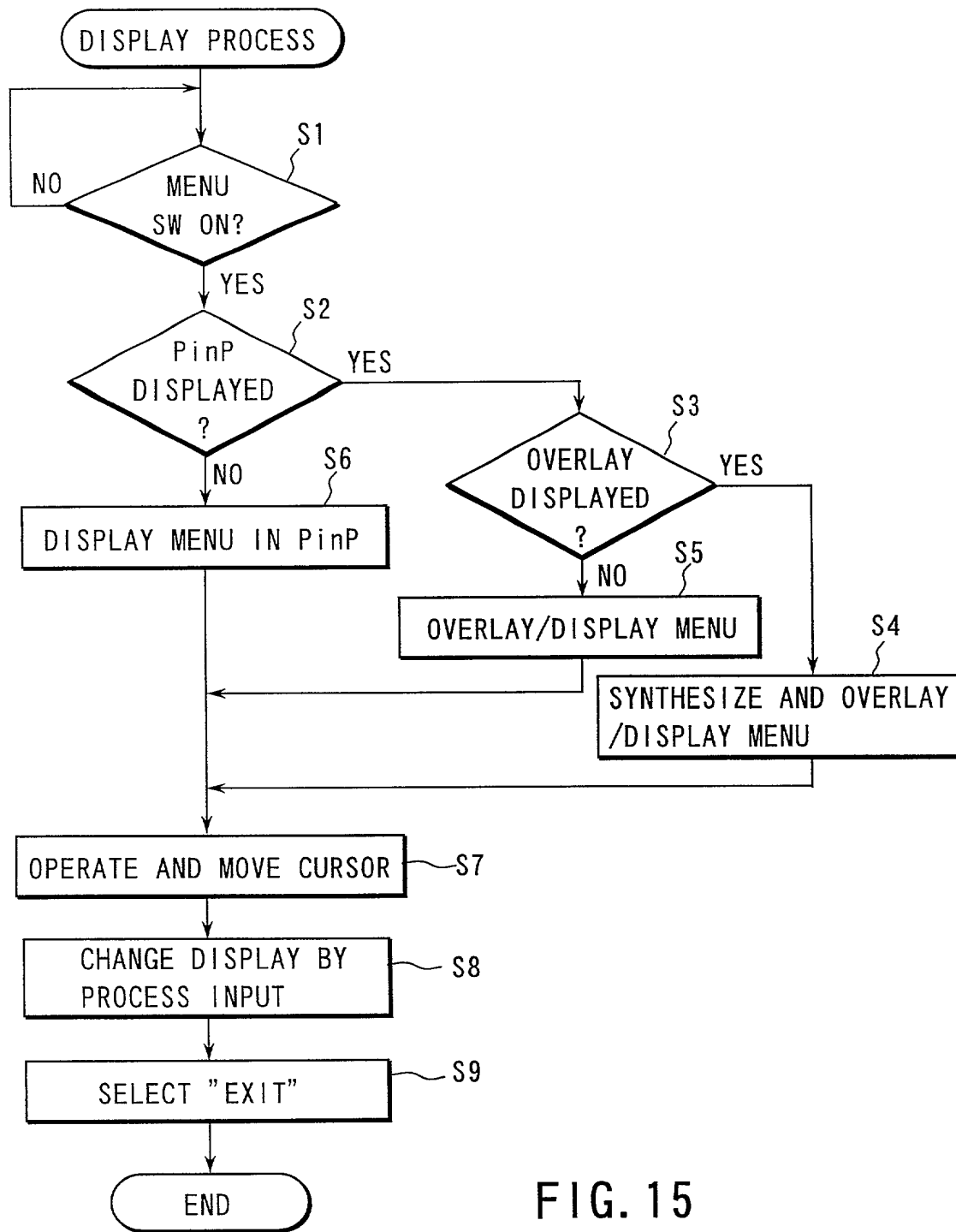


FIG. 15

FIG. 16

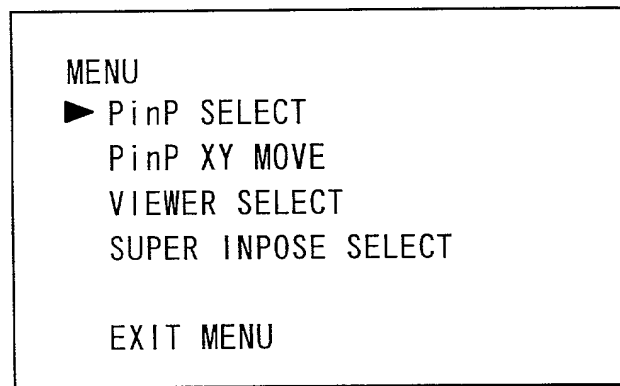
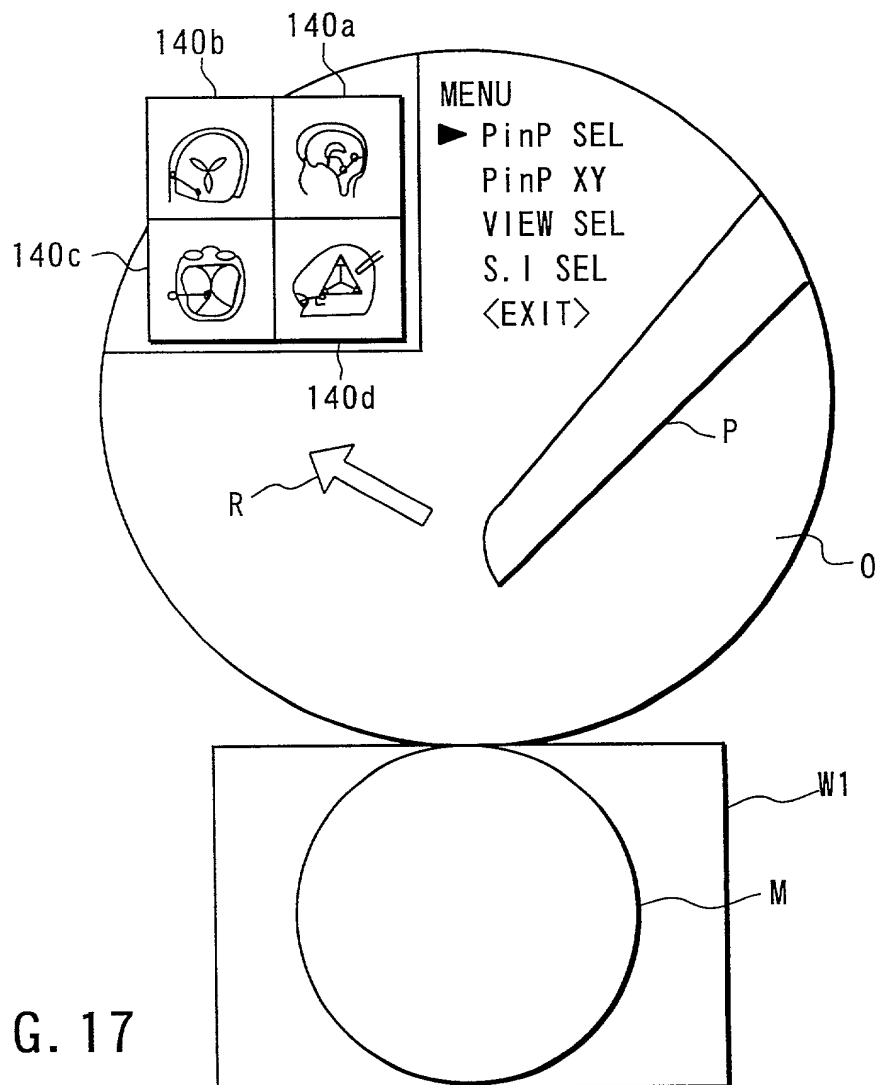


FIG. 17



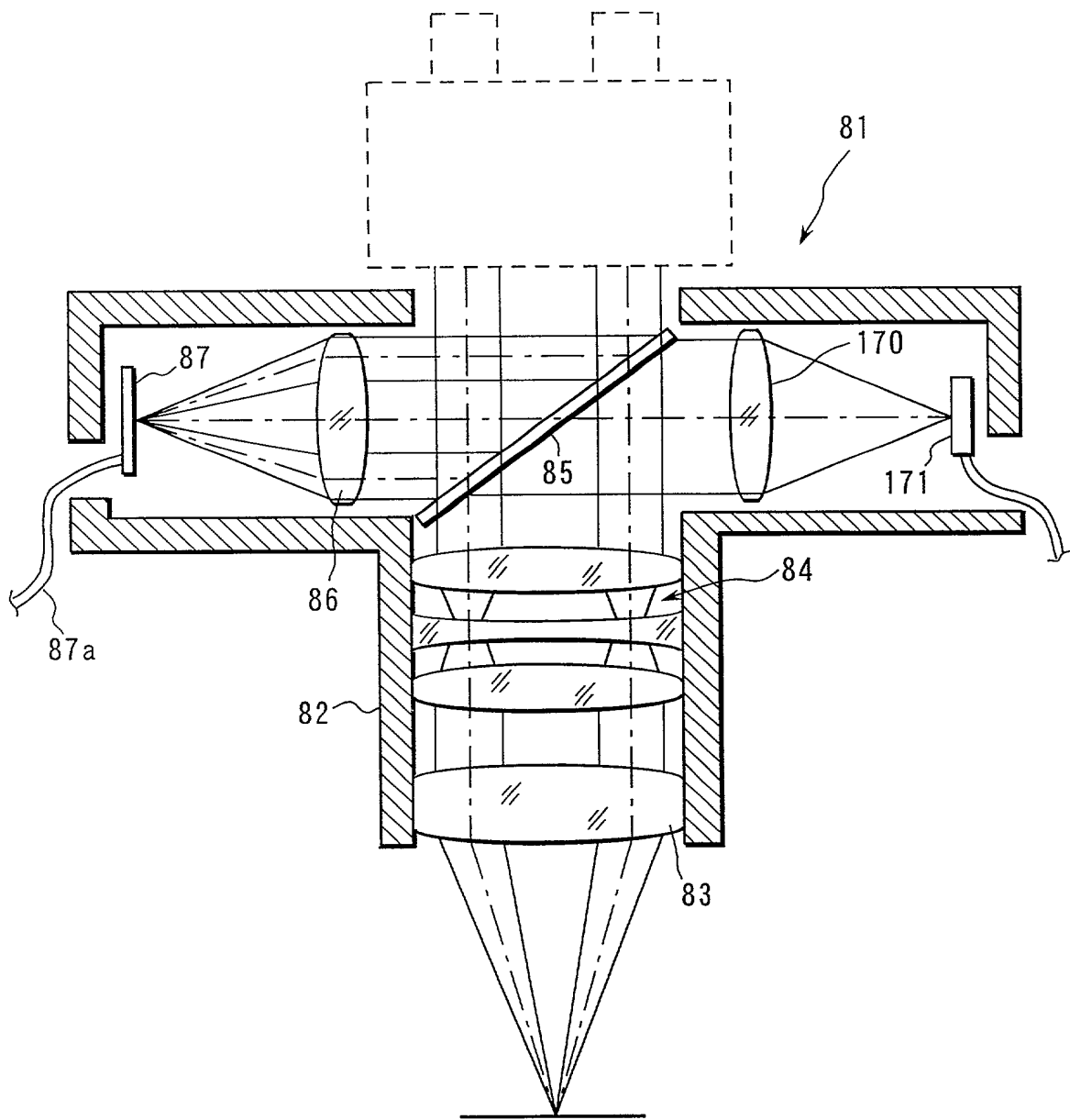


FIG. 18

FIG. 19

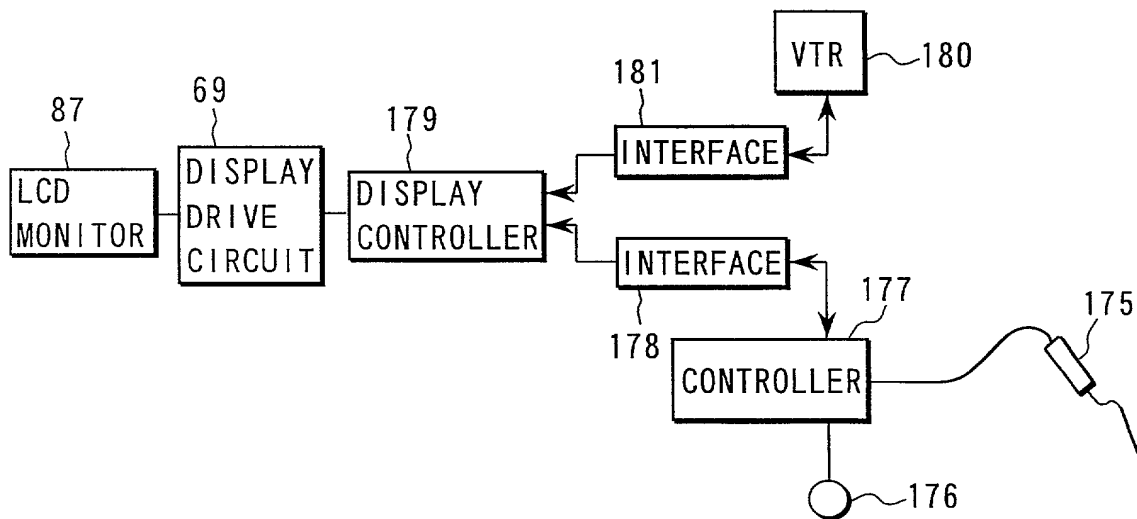
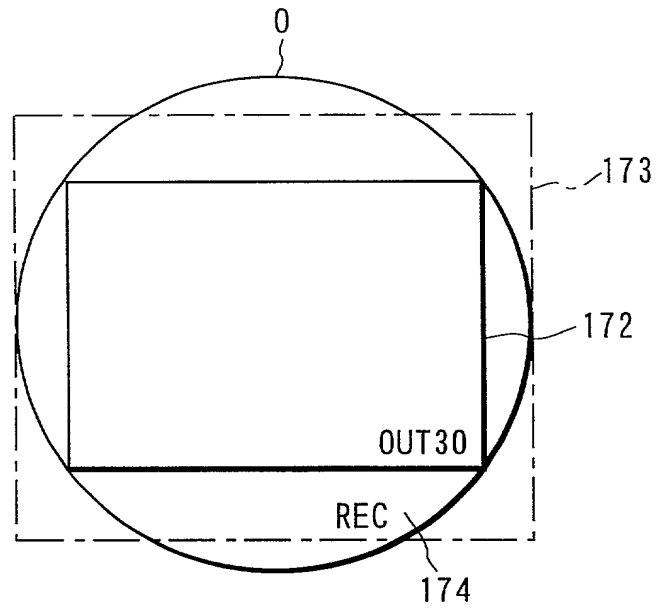


FIG. 20

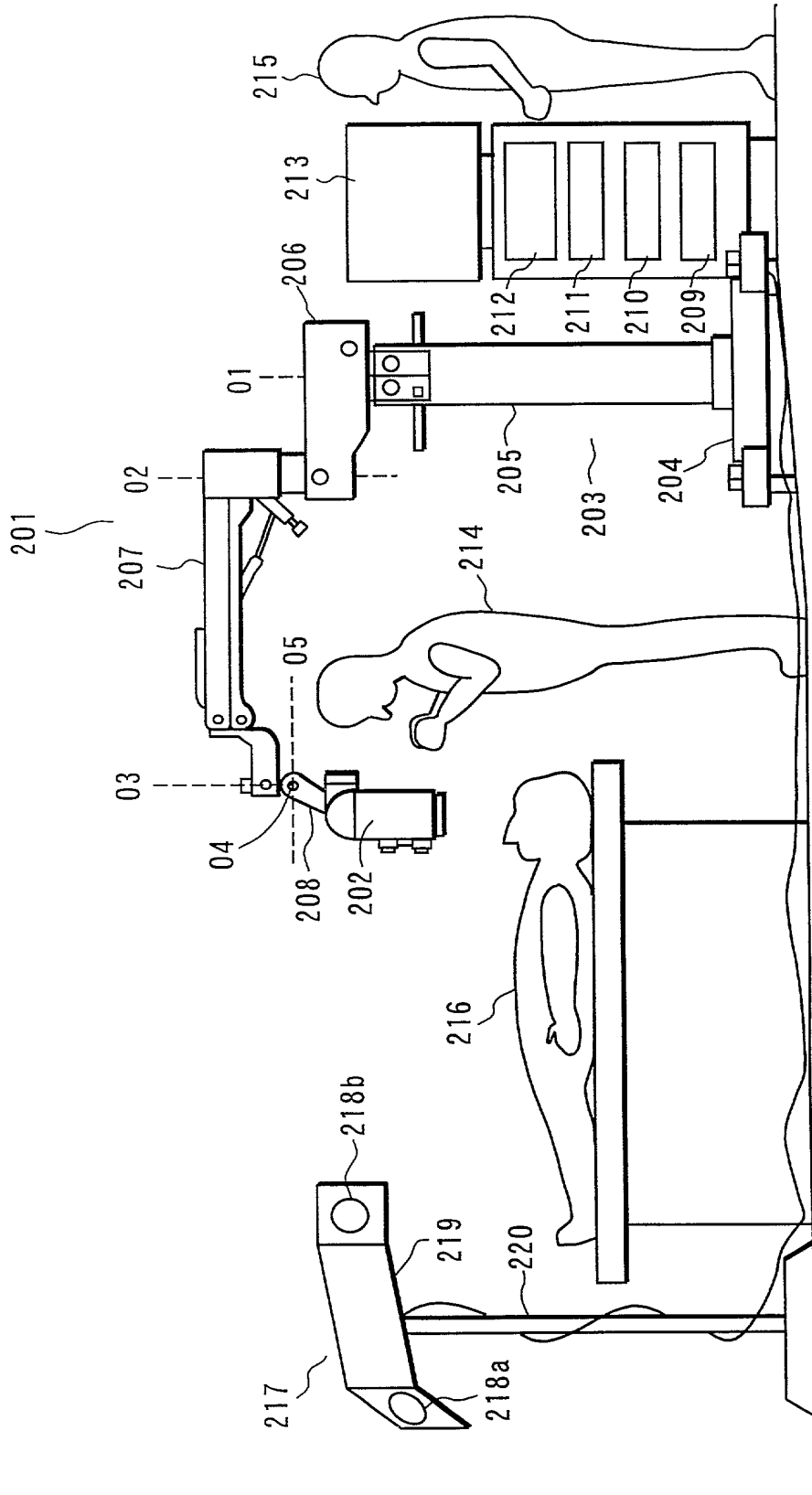


FIG. 21

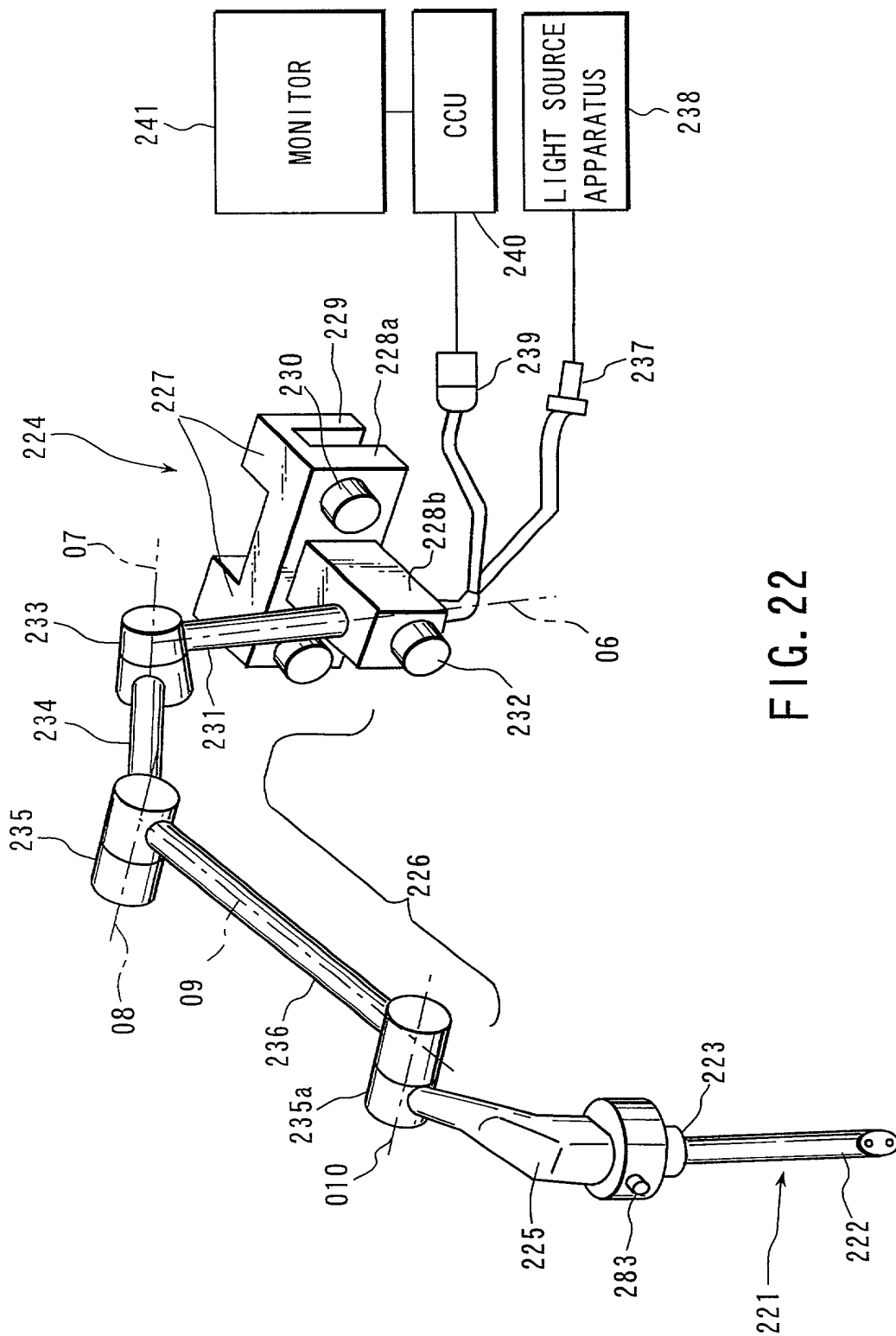


FIG. 22

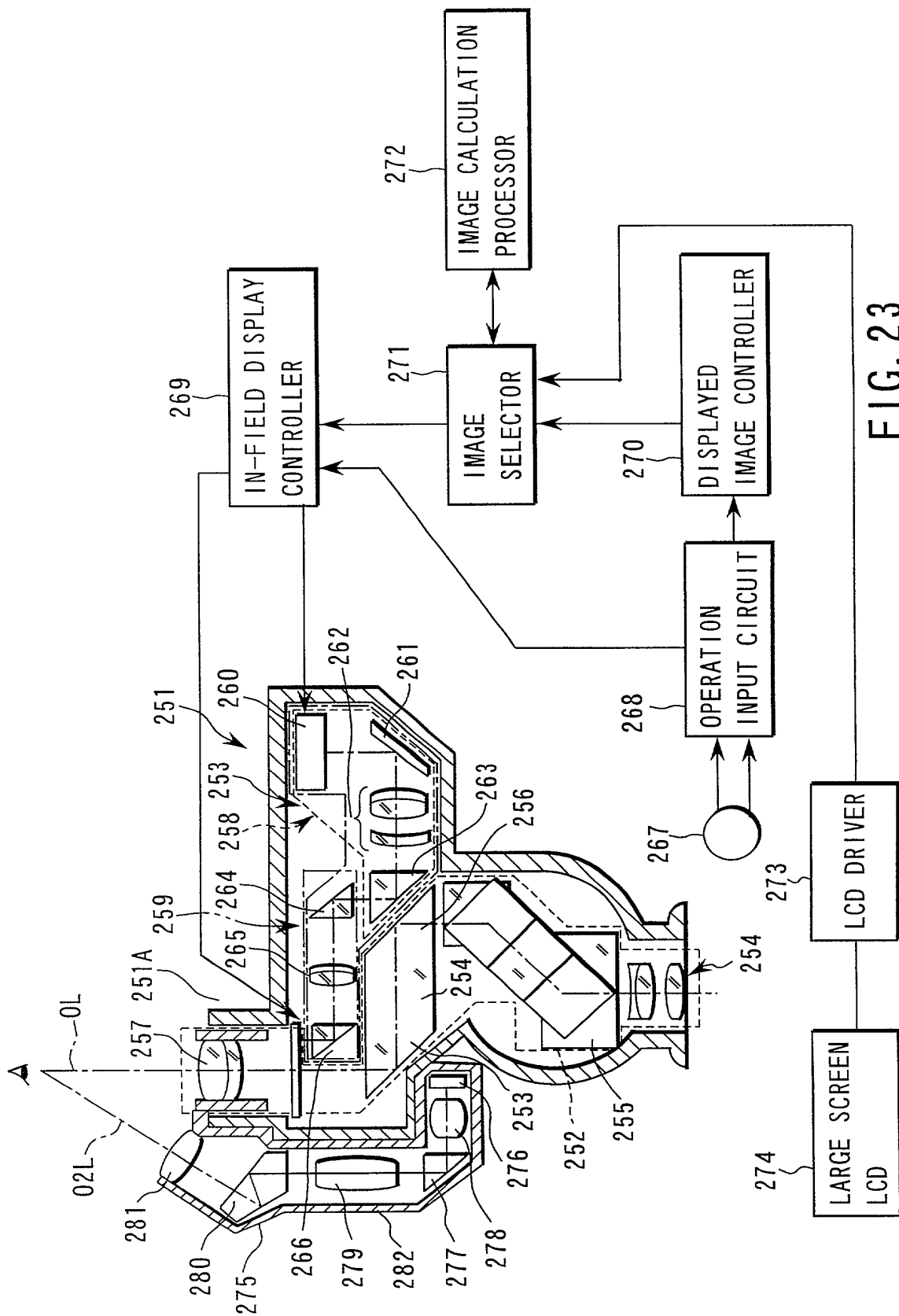


FIG. 23



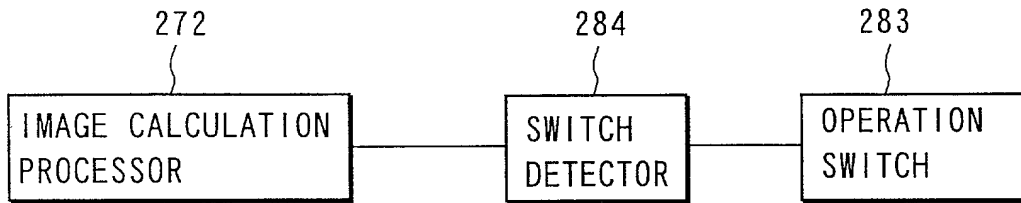


FIG. 24

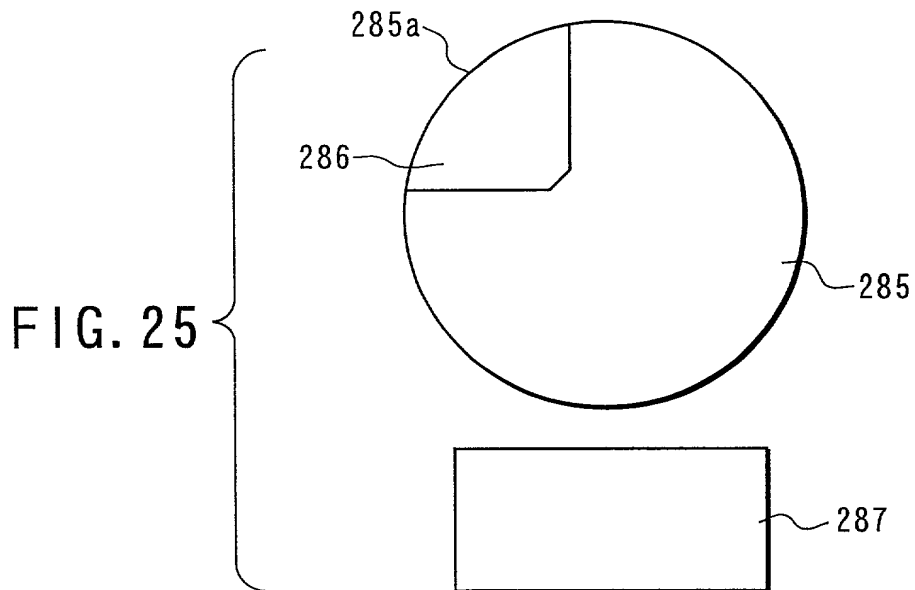


FIG. 26A



FIG. 26B

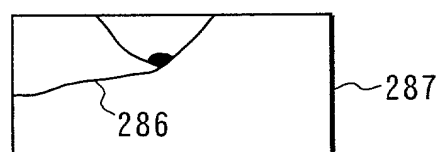
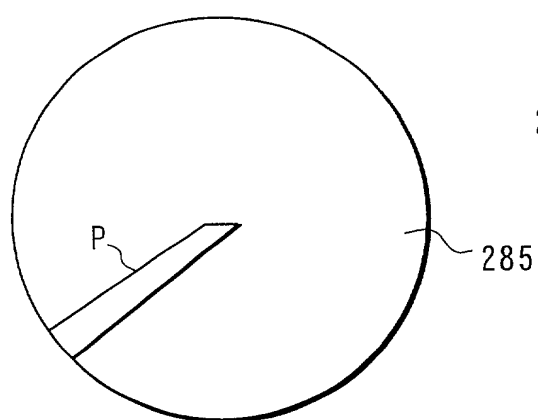


FIG. 27

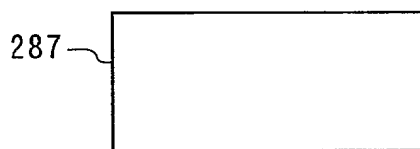
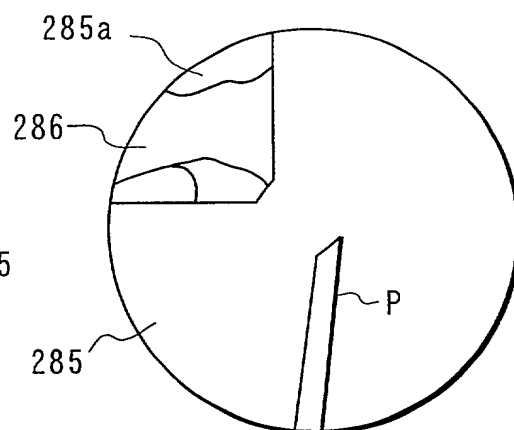


FIG. 28

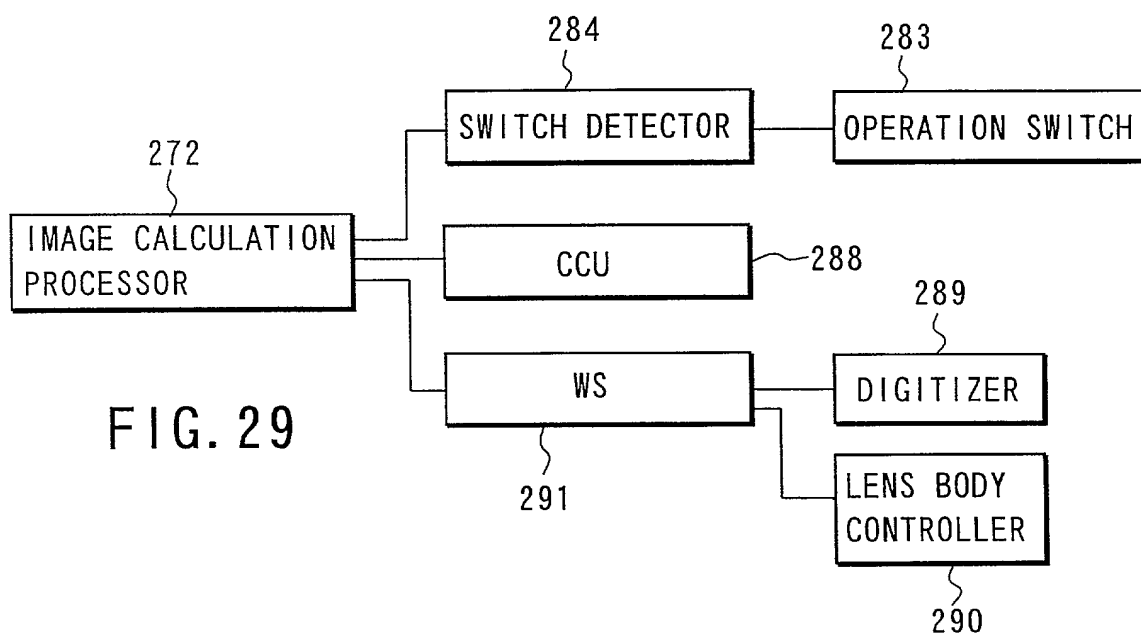


FIG. 29

WHEN SCOPE HOLDER  
IS FIXED

SMALL SCREEN:PRE-OPERATIVE IMAGE  
LARGE SCREEN:ENDOSCOPE IMAGE

FIG. 30A

WHEN SCOPE HOLDER  
MOVES

SMALL SCREEN:ENDOSCOPE IMAGE  
LARGE SCREEN:NO DISPLAYED IMAGE

FIG. 30B

FIG. 31

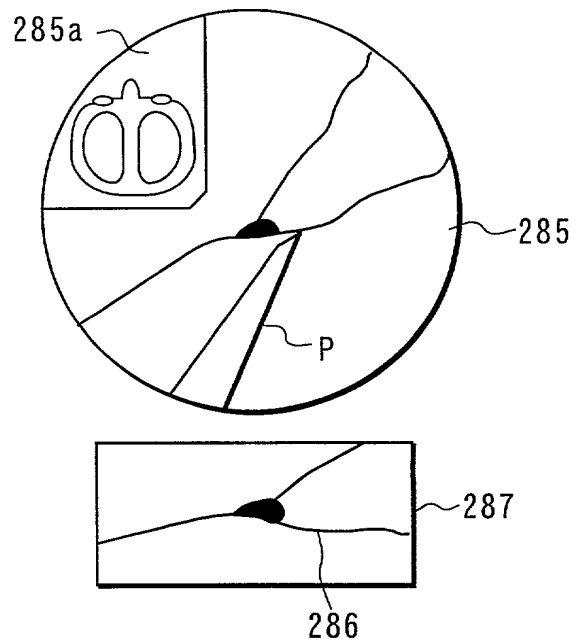
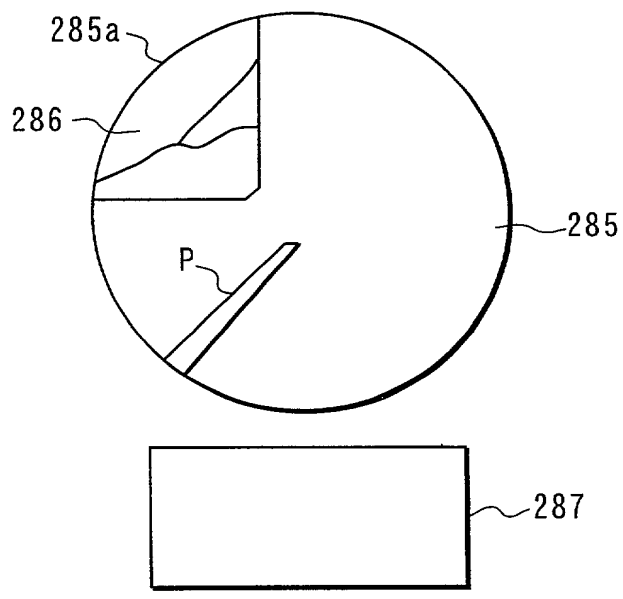


FIG. 32



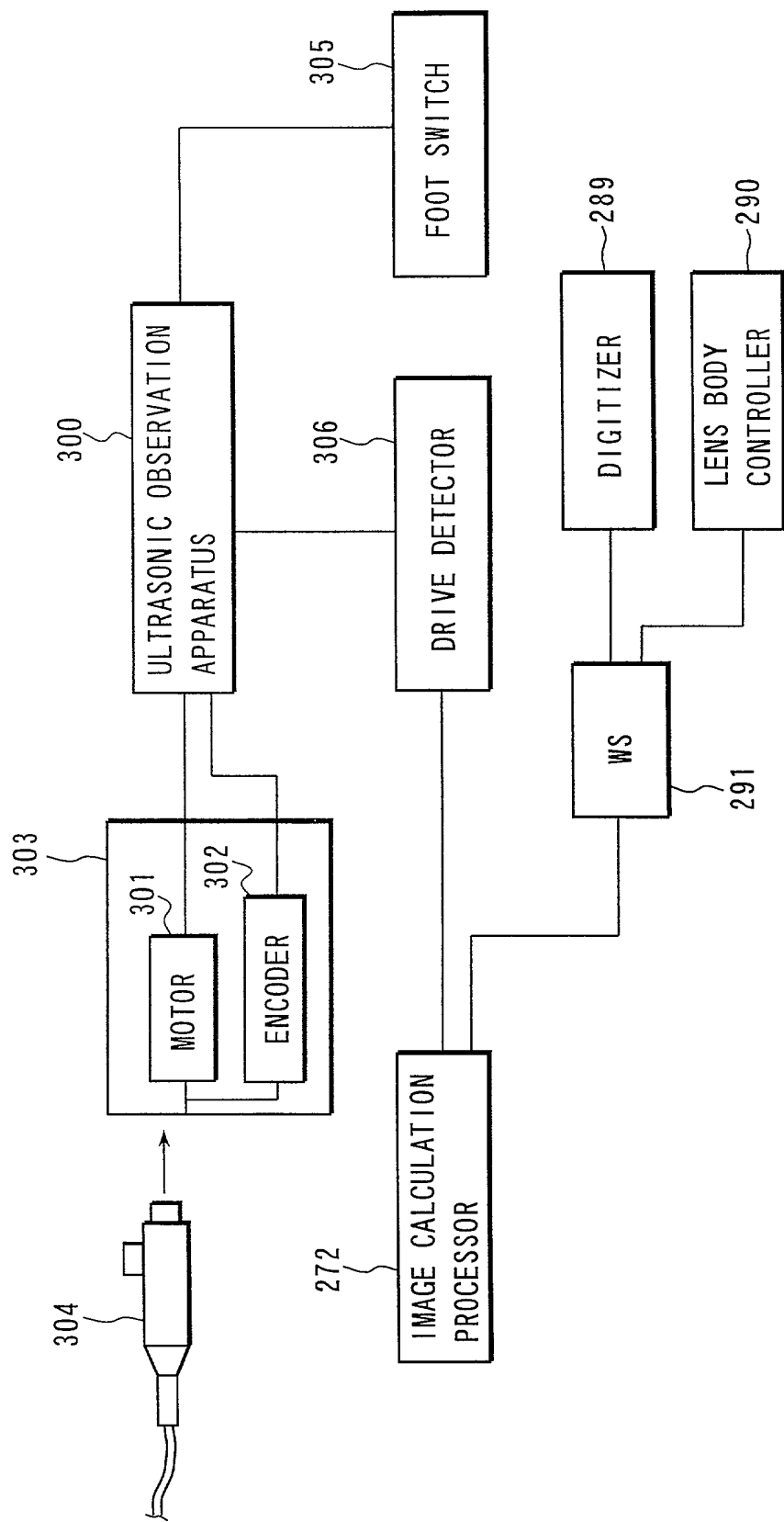
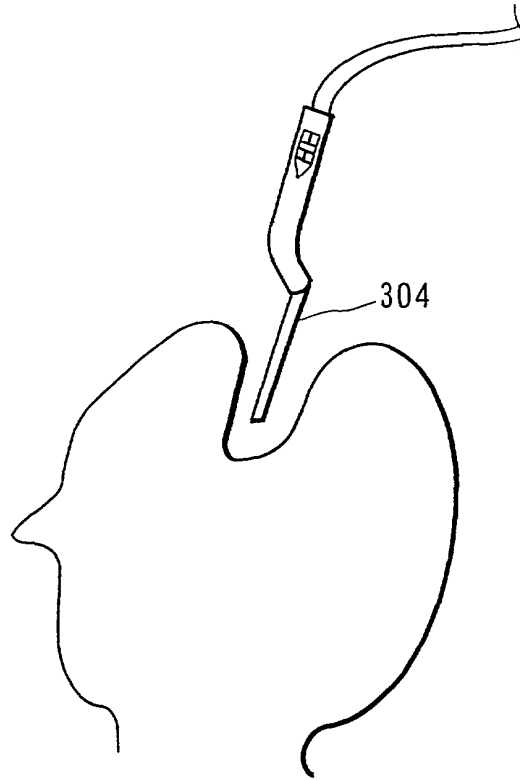


FIG. 33

FIG. 34



DURING ULTRASONIC  
OBSERVATION

SMALL SCREEN:PRE-OPERATIVE IMAGE  
(ULTRASONIC OBSERVER PLANE IMAGE)  
LARGE SCREEN:ULTRASONIC OBSERVATION  
IMAGE

FIG. 35A

EXCEPT FOR ULTRASONIC  
OBSERVATION

SMALL SCREEN:PRE-OPERATIVE IMAGE  
(ENTIRE HEAD IMAGE)  
LARGE SCREEN:ULTRASONIC OBSERVATION  
IMAGE

FIG. 35B

FIG. 36

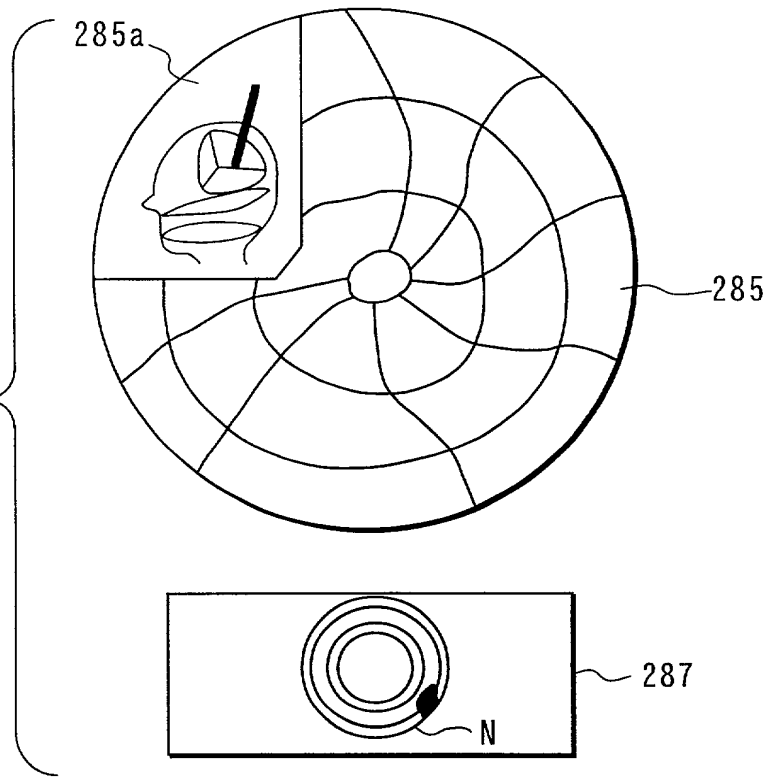
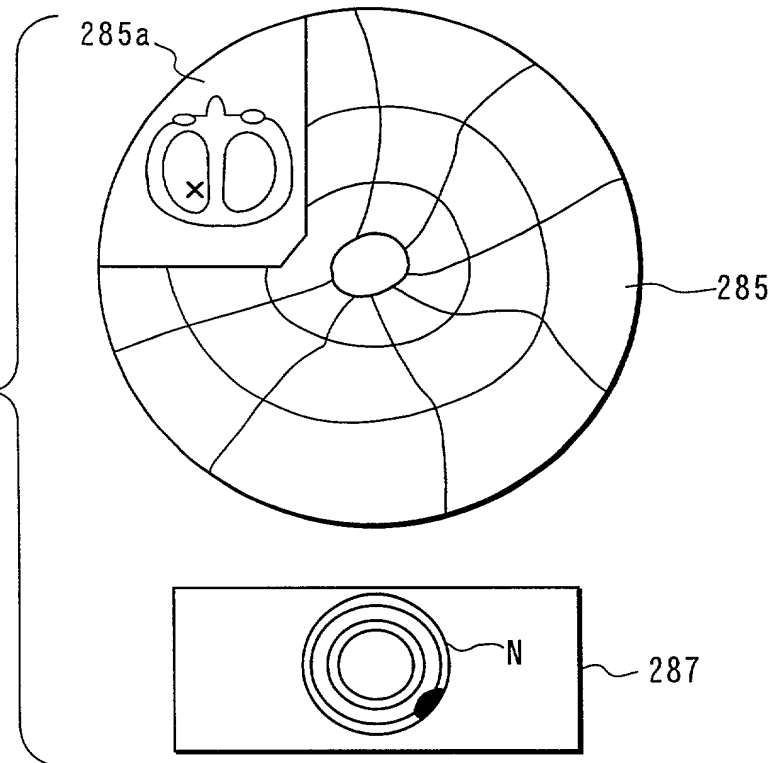


FIG. 37



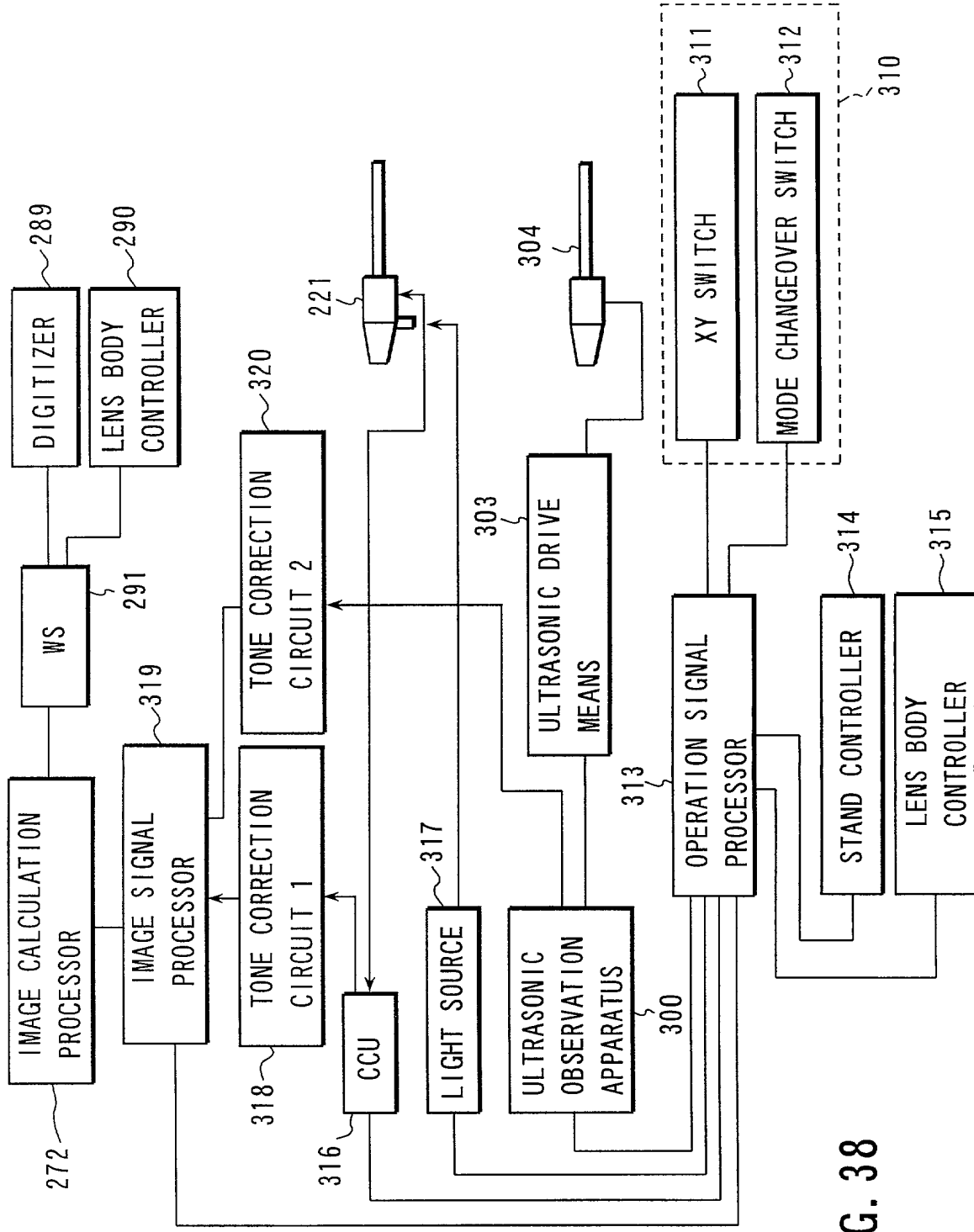


FIG. 38

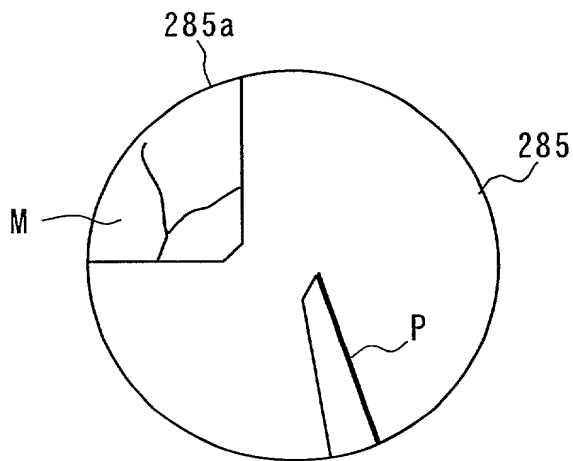


FIG. 39

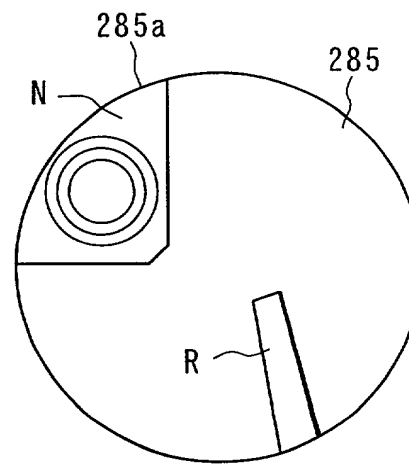


FIG. 40

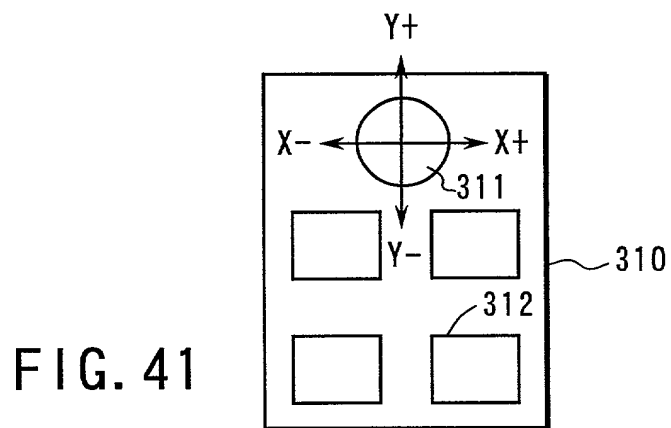


FIG. 41

WHEN ENDOSCOPE IMAGE IS  
DISPLAYED IN FIELD

X+:ENDOSCOPE ZOOM-UP  
X-:ENDOSCOPE ZOOM-DOWN  
Y+:ENDOSCOPE LIGHT AMOUNT UP  
Y-:ENDOSCOPE LIGHT AMOUNT DOWN

FIG. 42



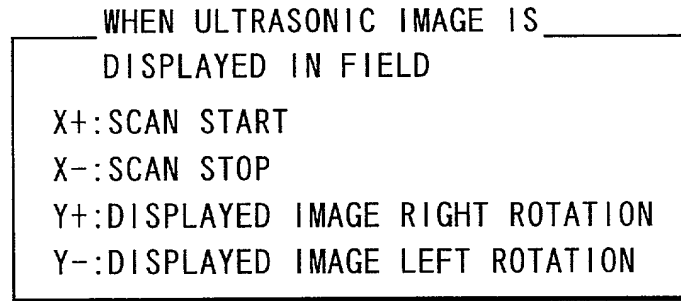


FIG. 43

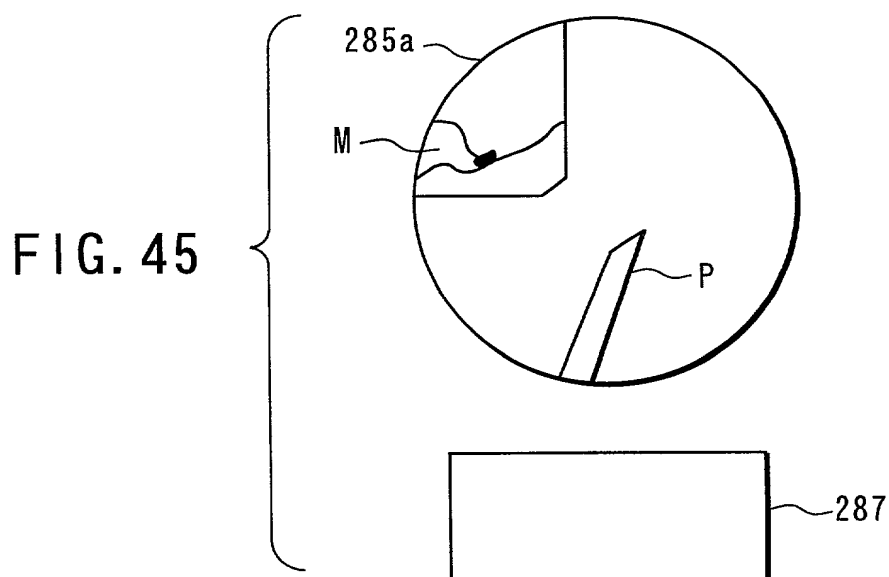
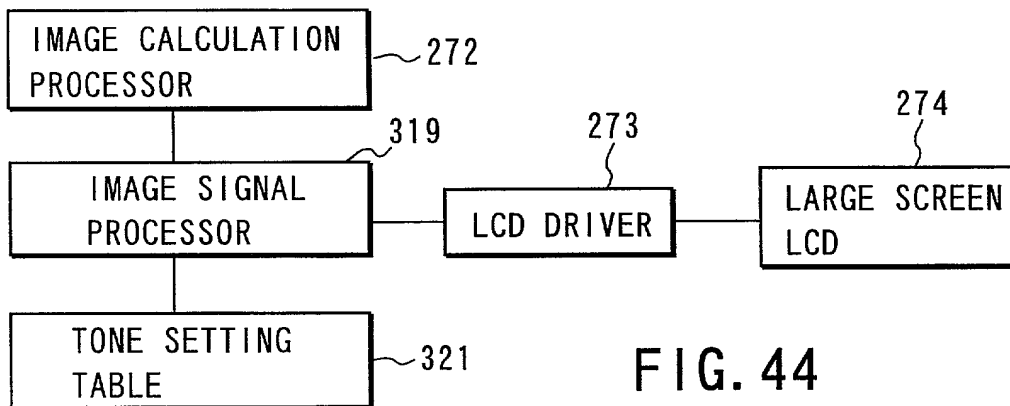


FIG. 46

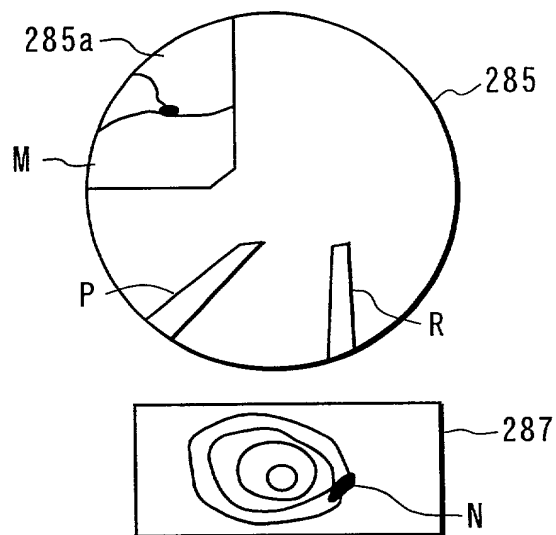


FIG. 47

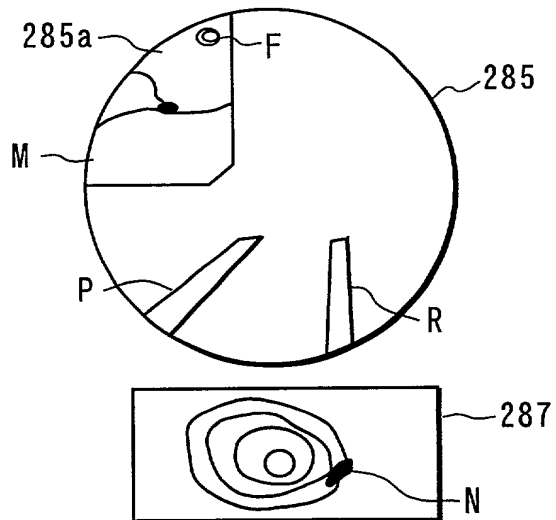


FIG. 48

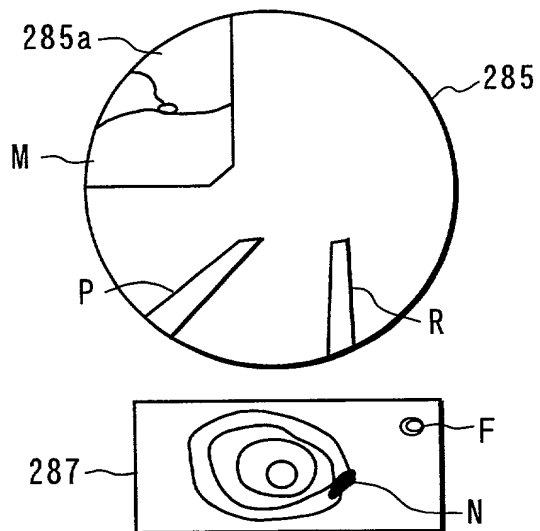


FIG. 49

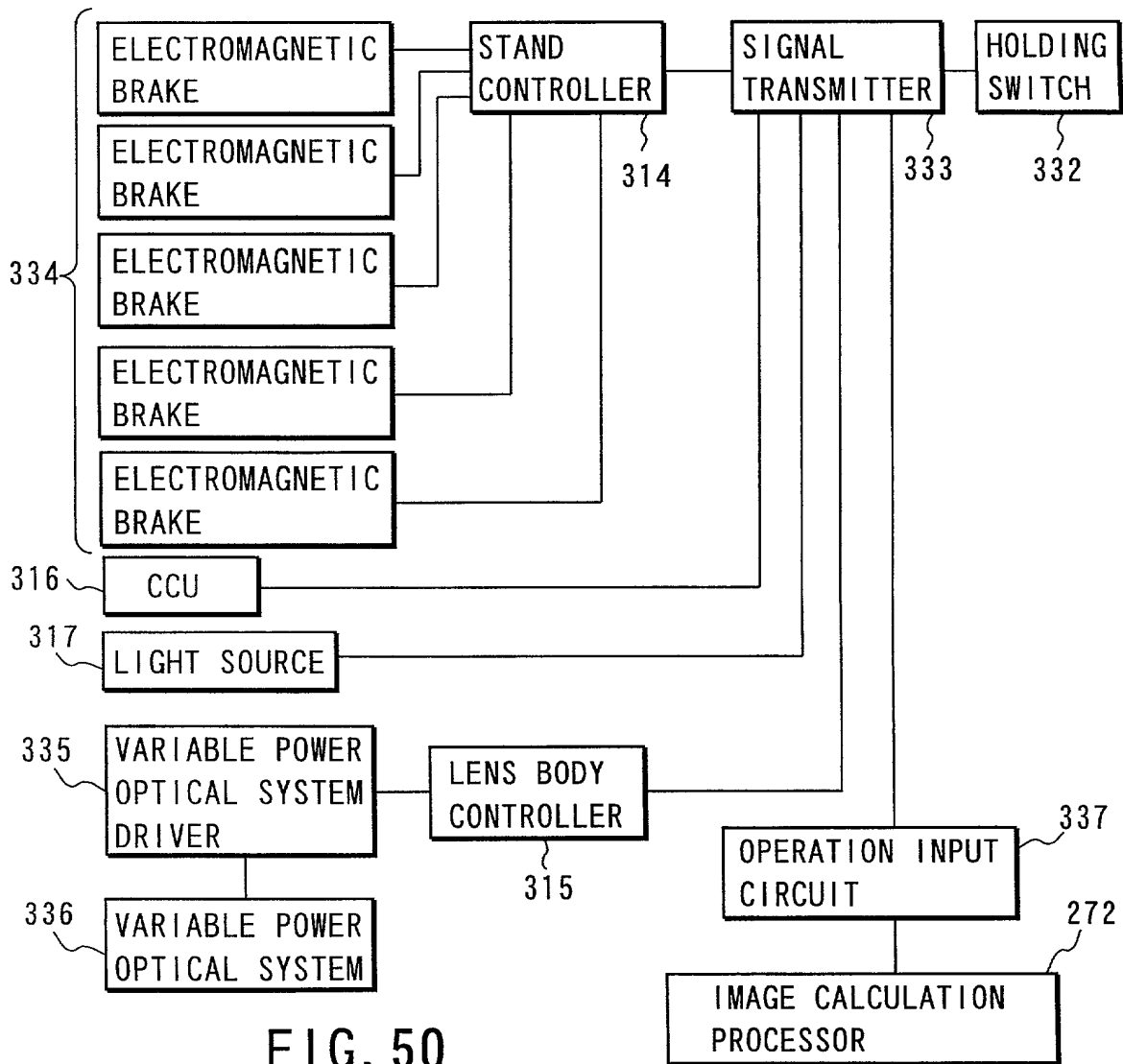
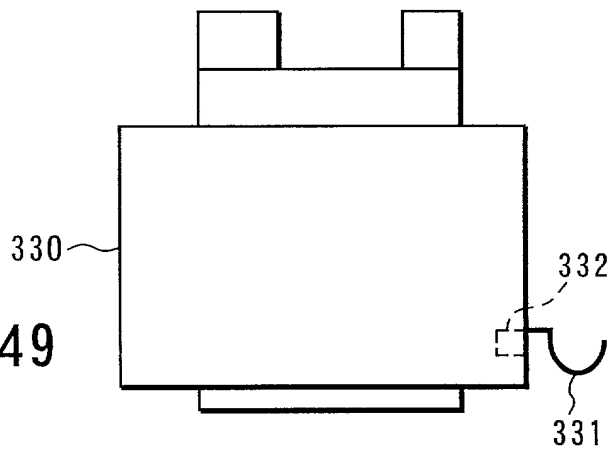


FIG. 50

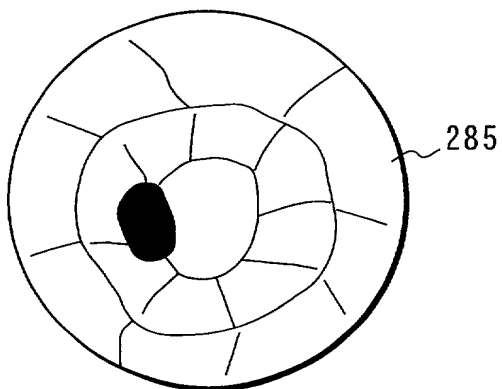


FIG. 51

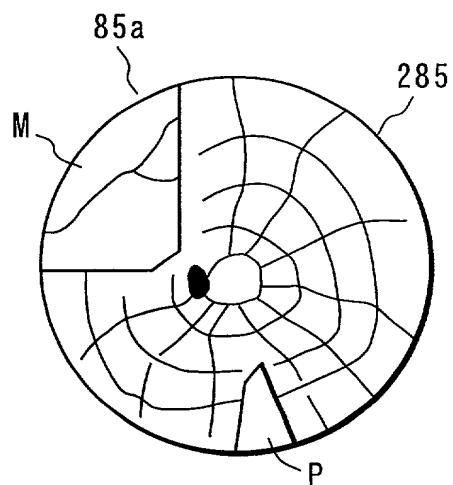


FIG. 52

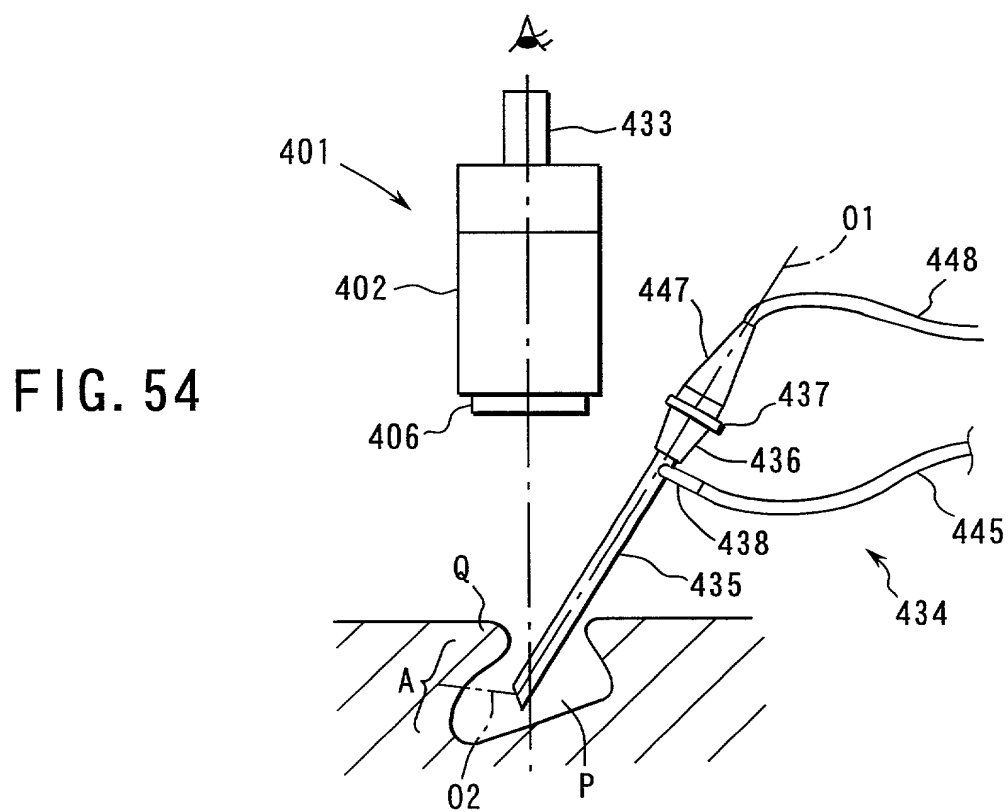


FIG. 54

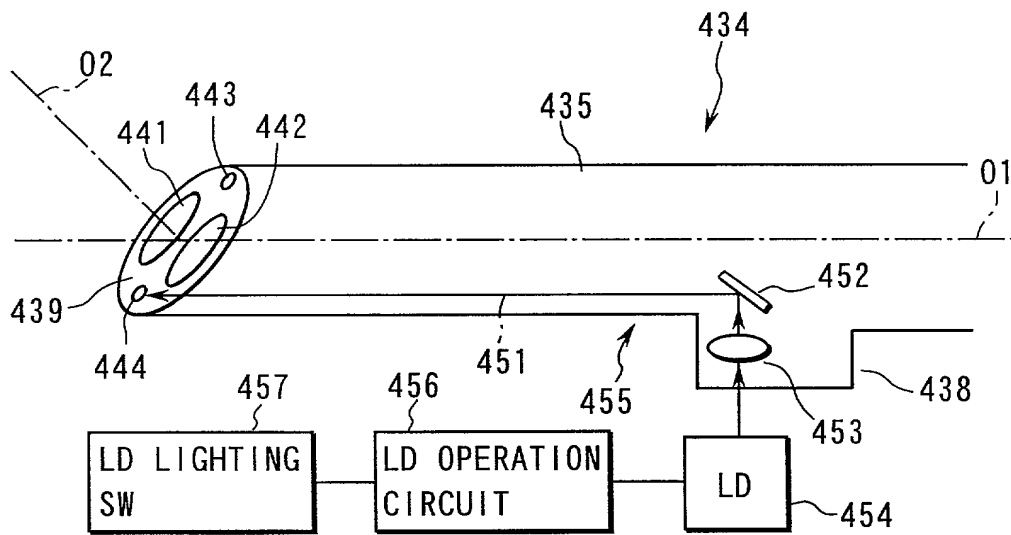


FIG. 53A

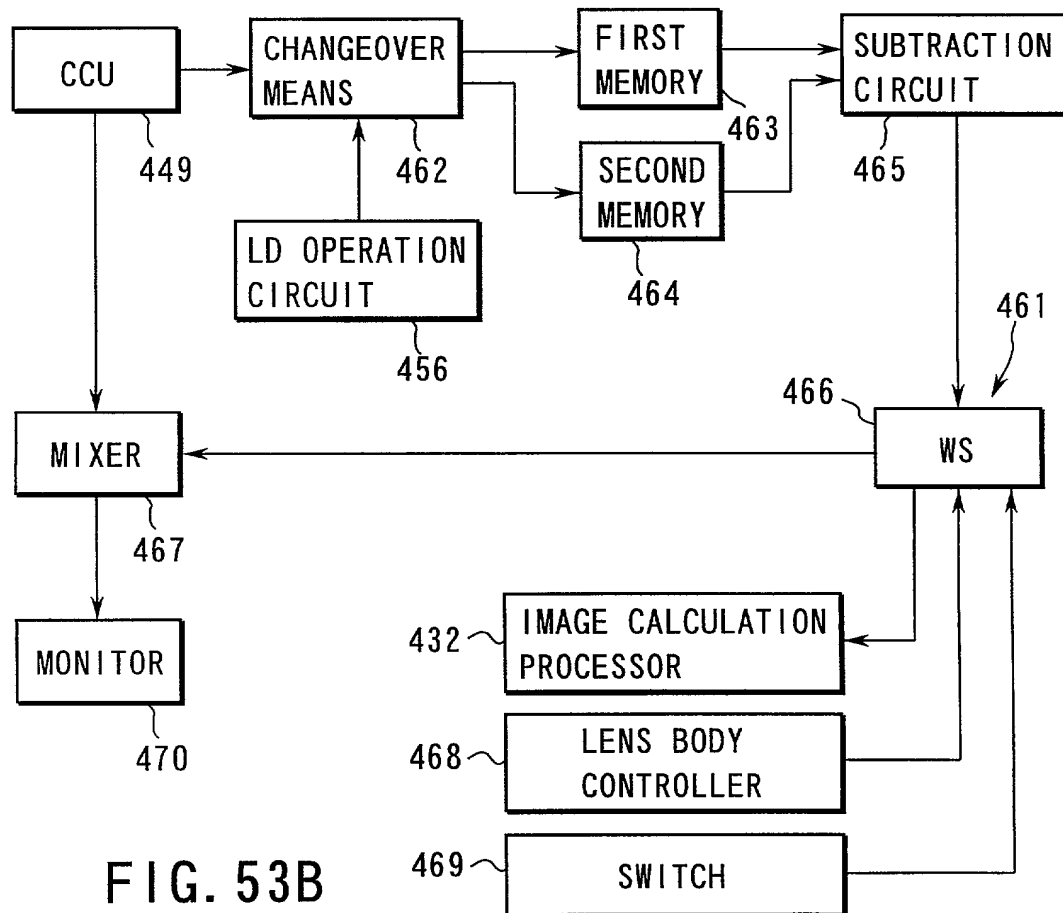


FIG. 53B

FIG. 55

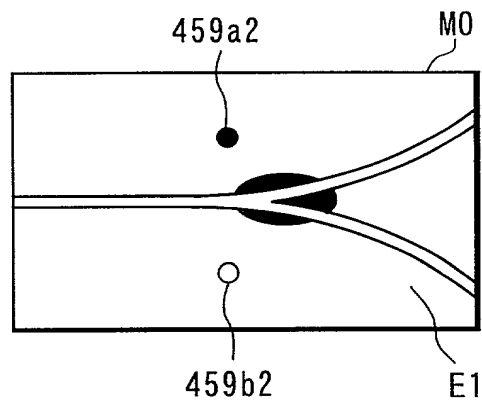


FIG. 56

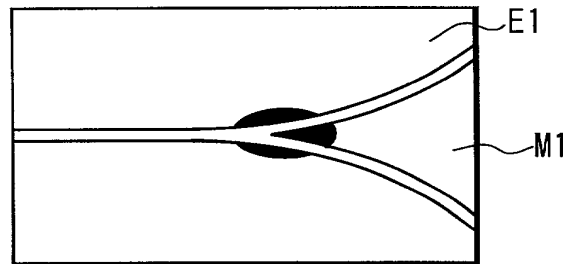


FIG. 57

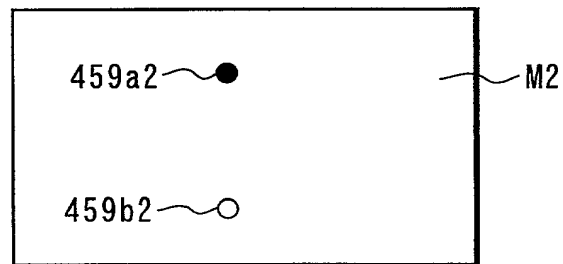


FIG. 58

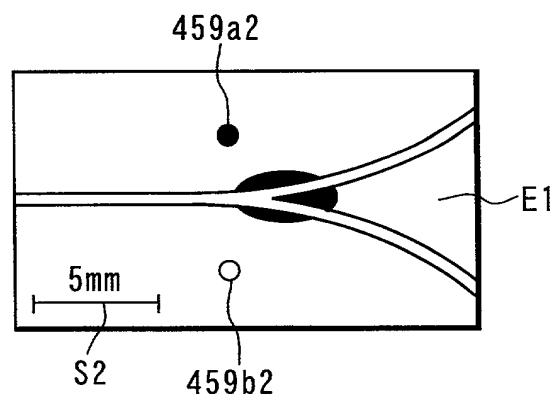


FIG. 59

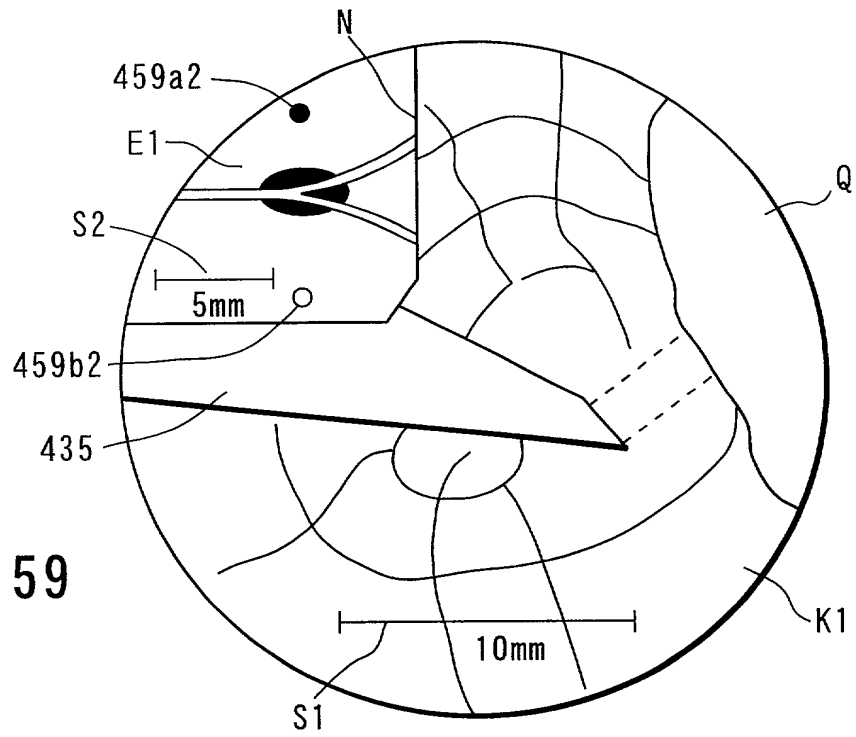


FIG. 59

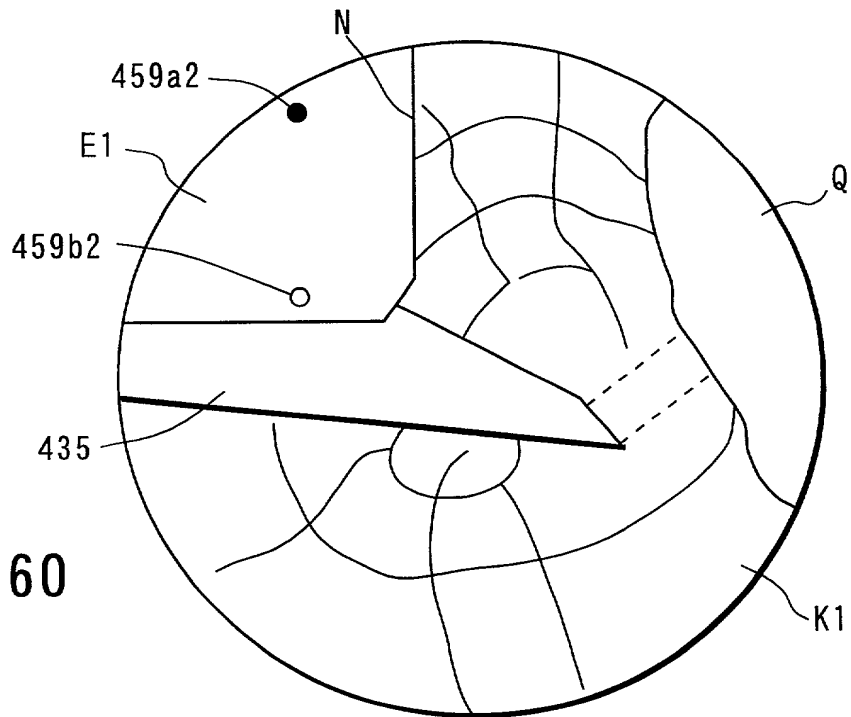


FIG. 60

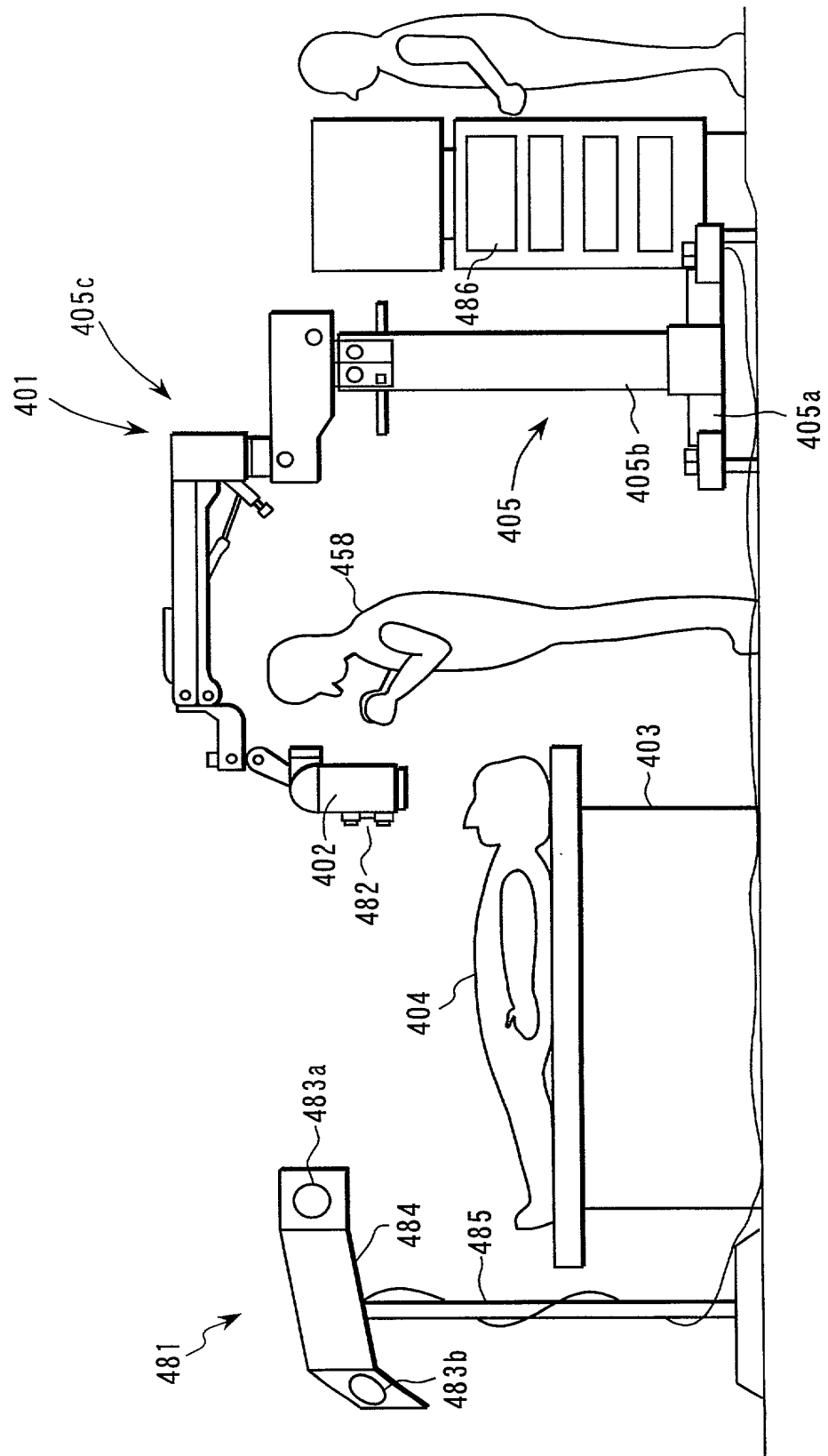


FIG. 61



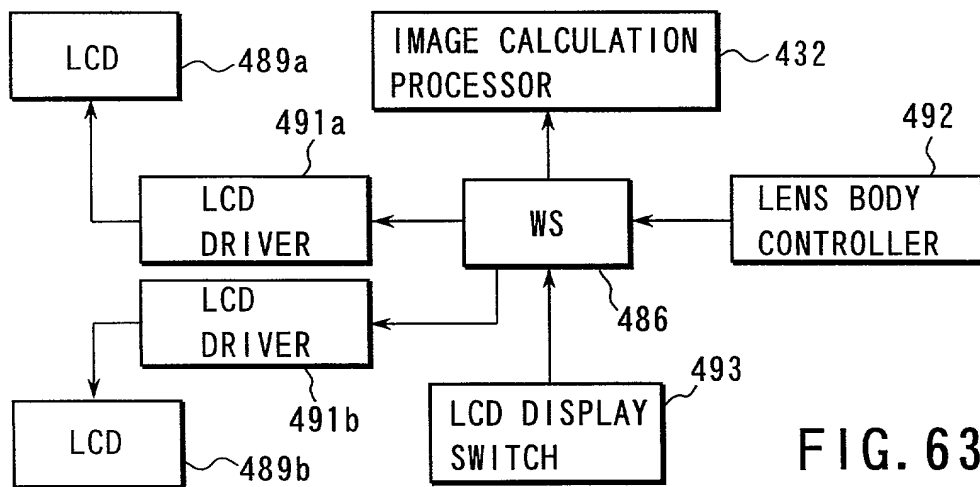
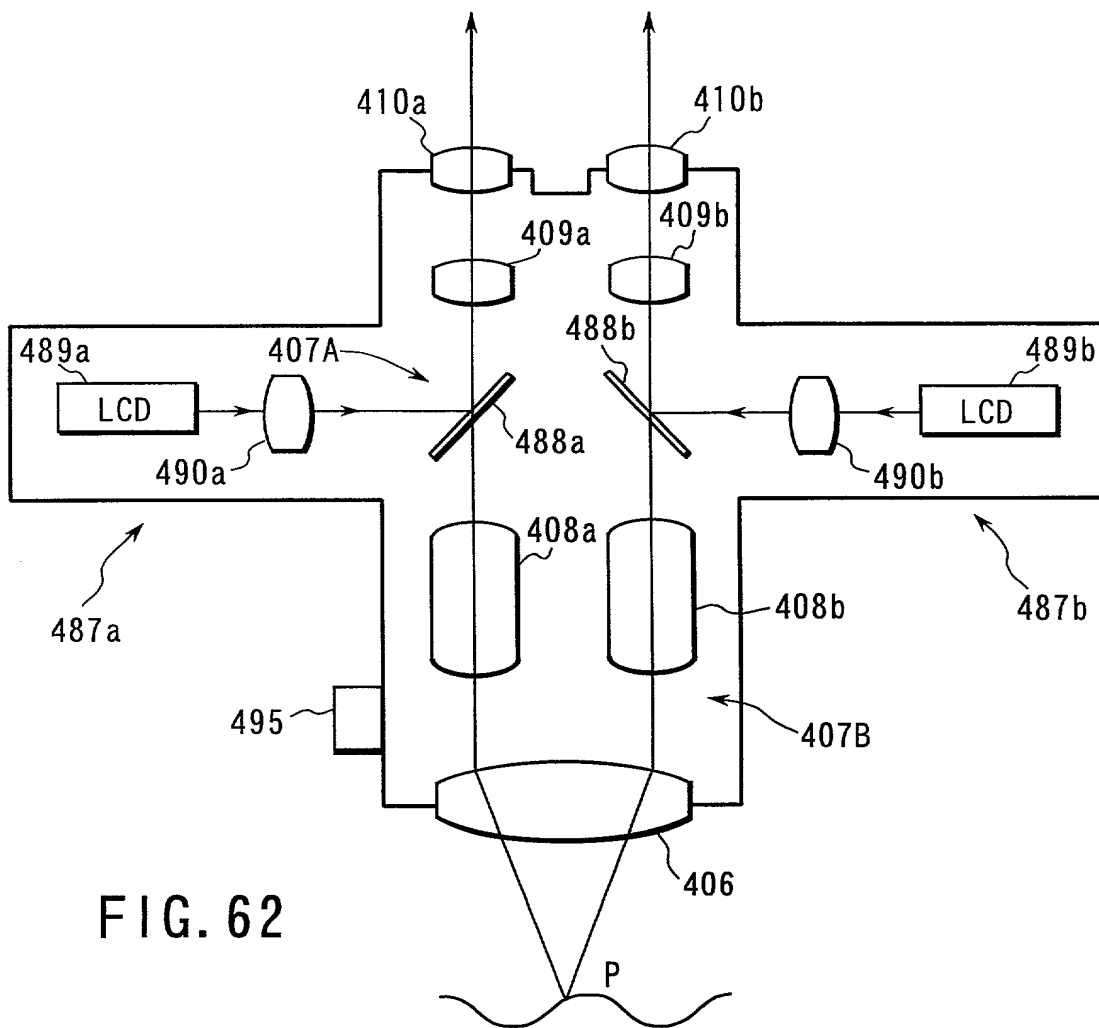


FIG. 64

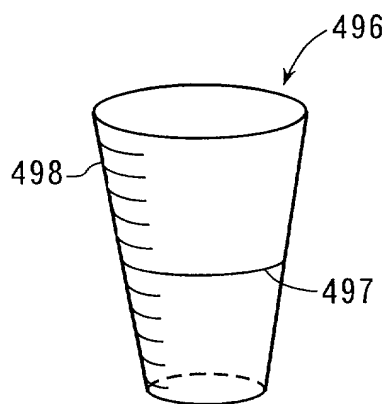
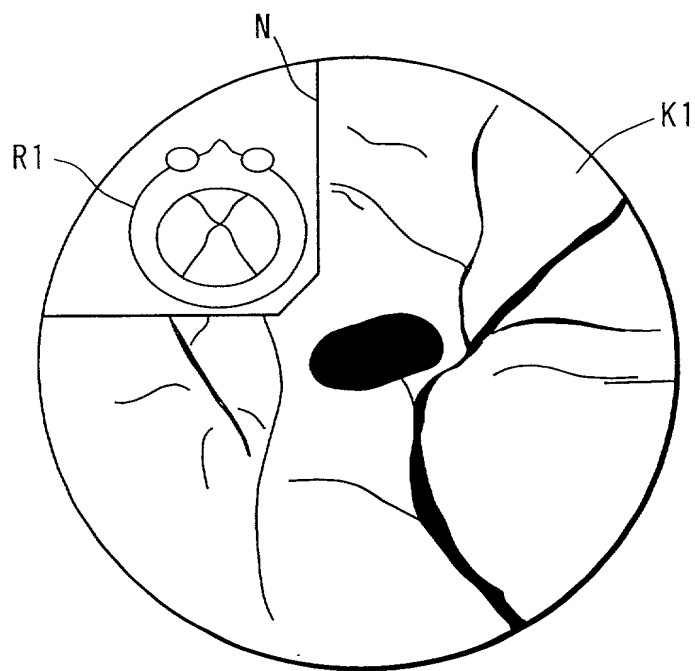


FIG. 65

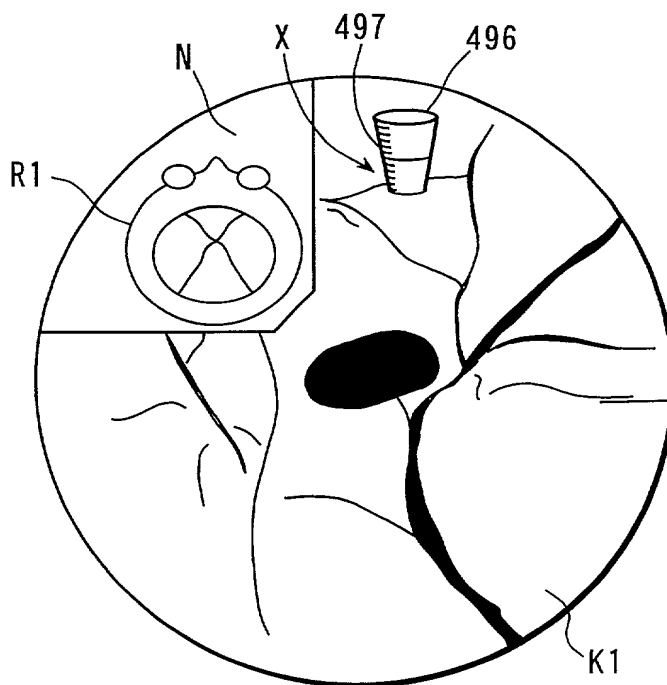


FIG. 66

FIG. 67B

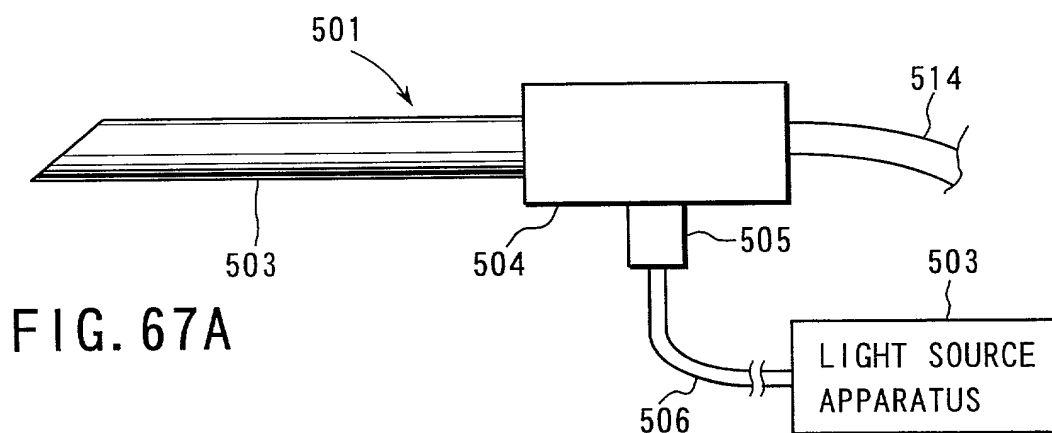
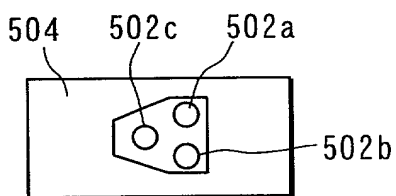


FIG. 67A

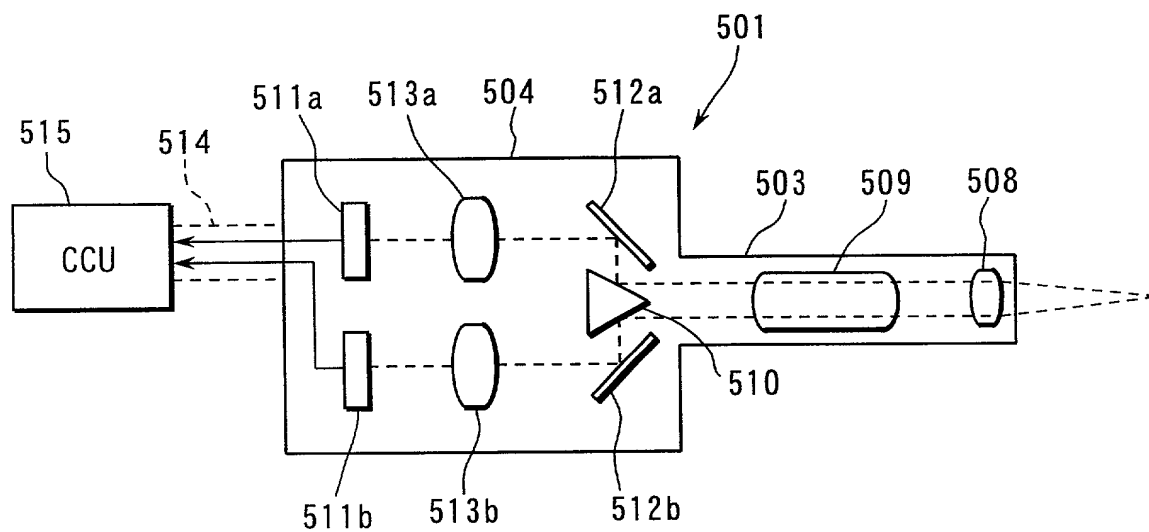


FIG. 68

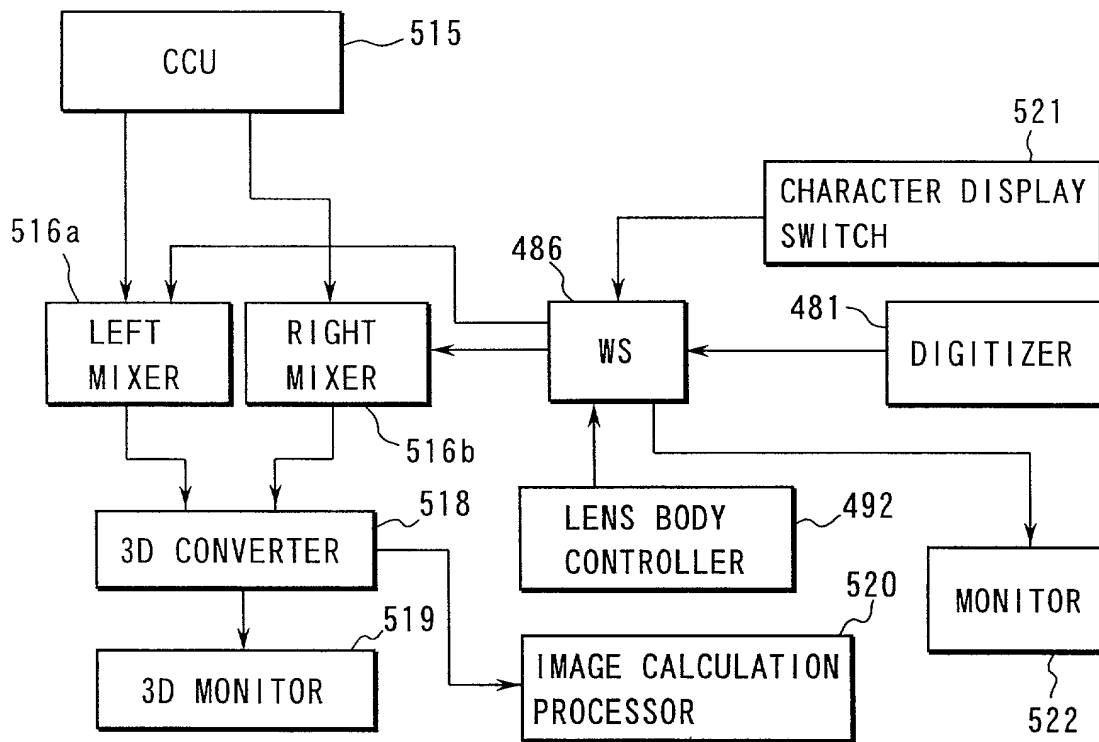


FIG. 69

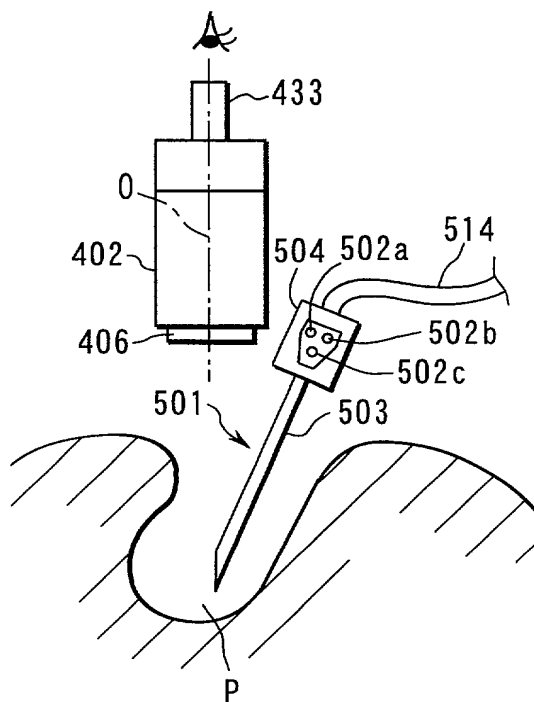
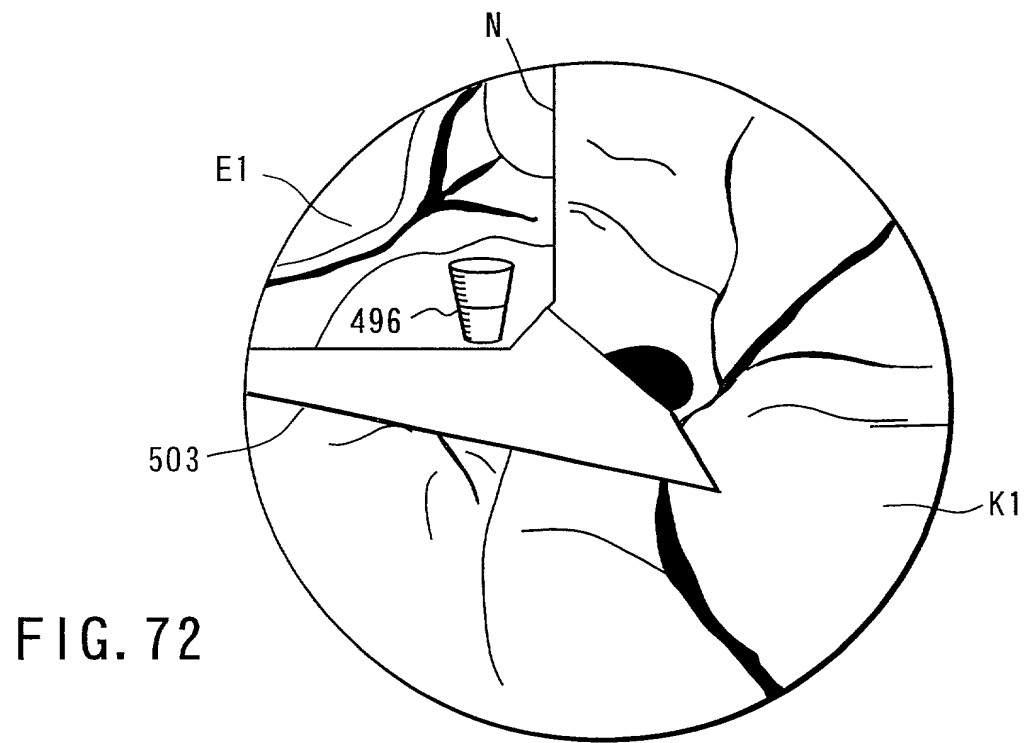
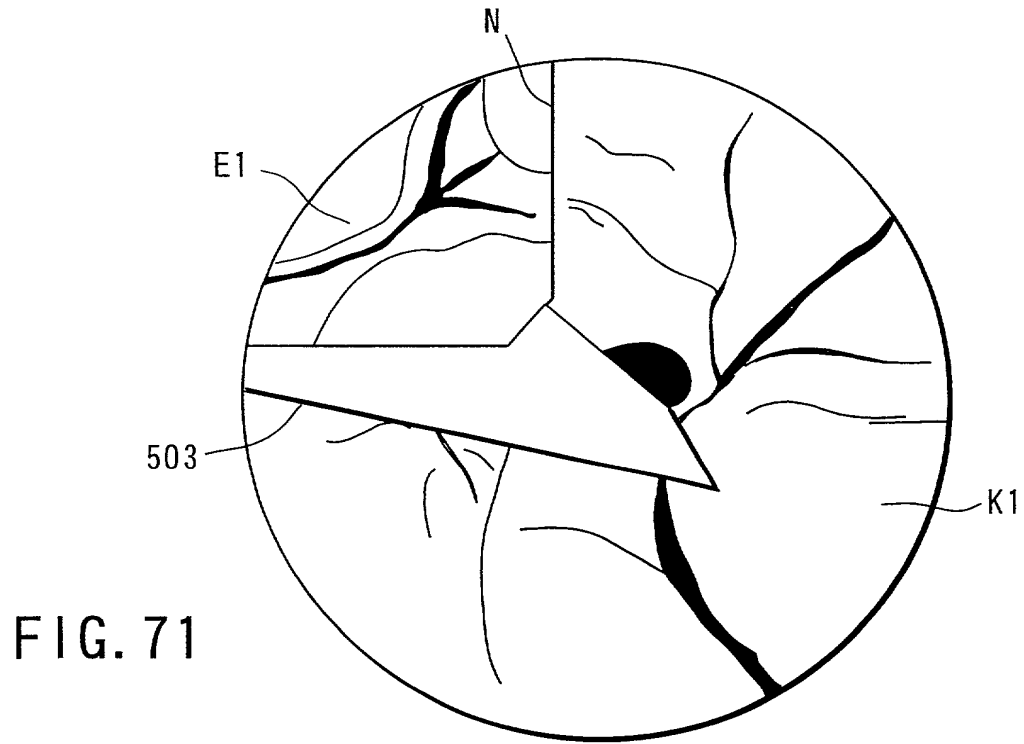


FIG. 70



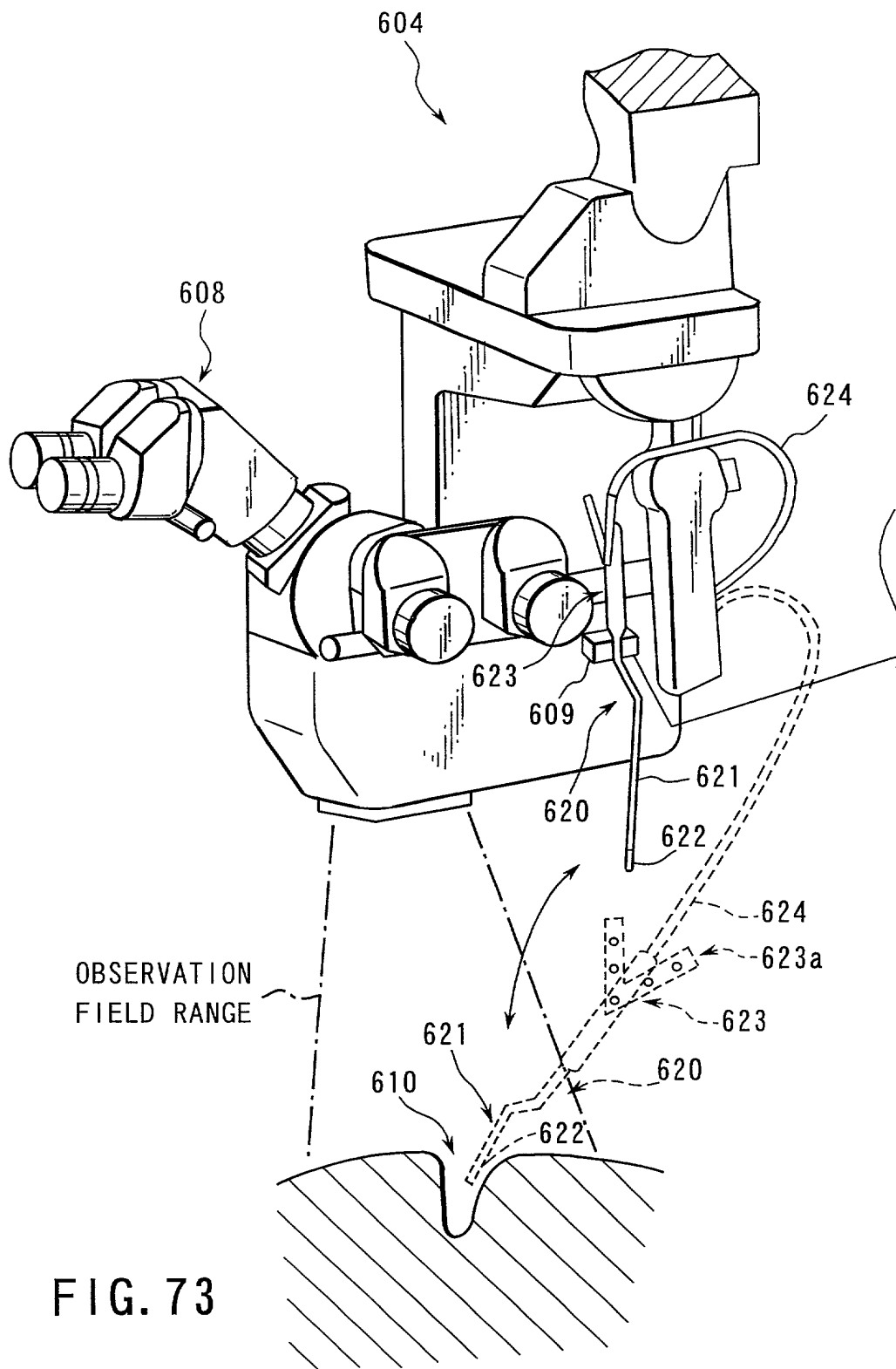


FIG. 73

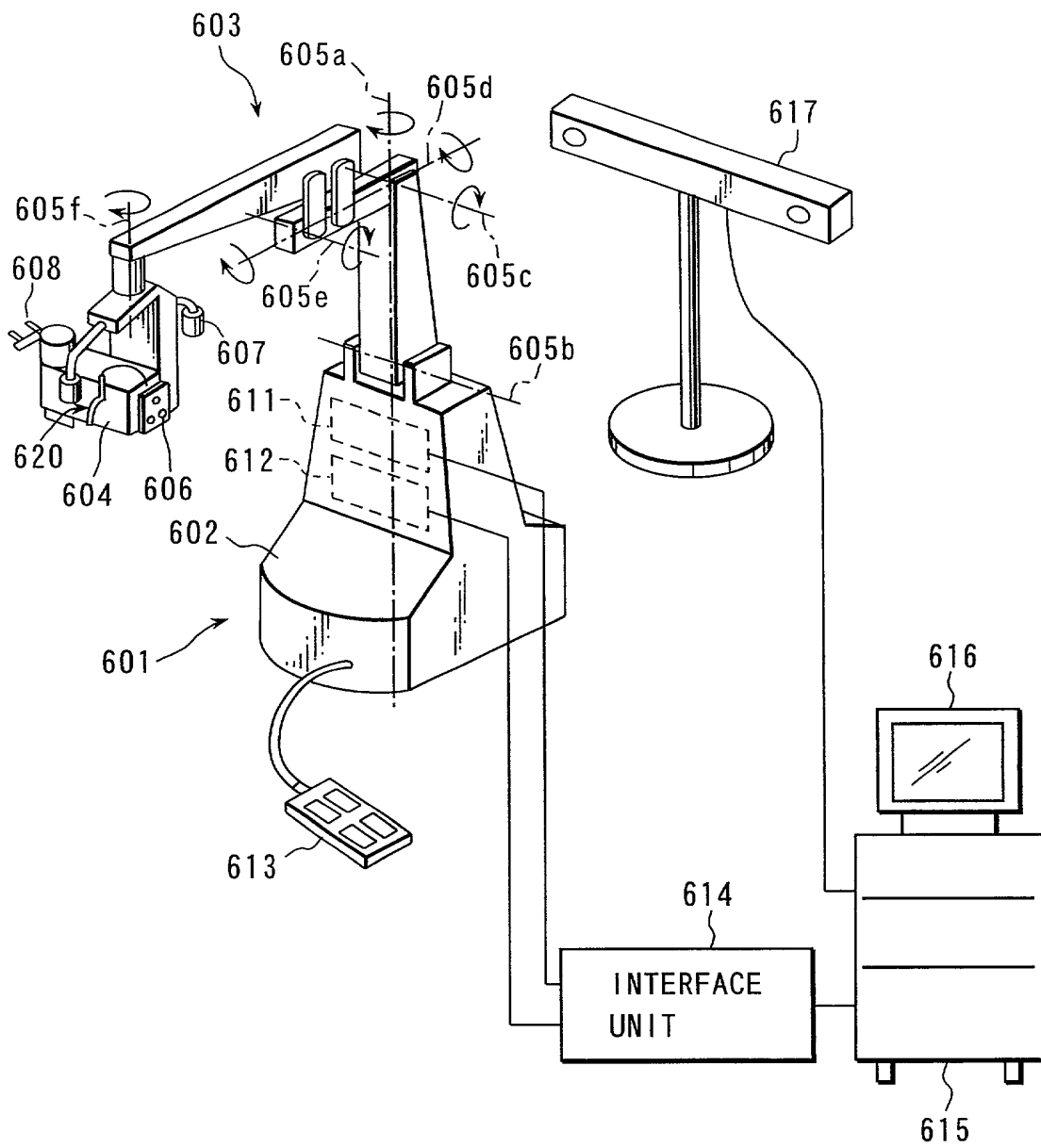


FIG. 74

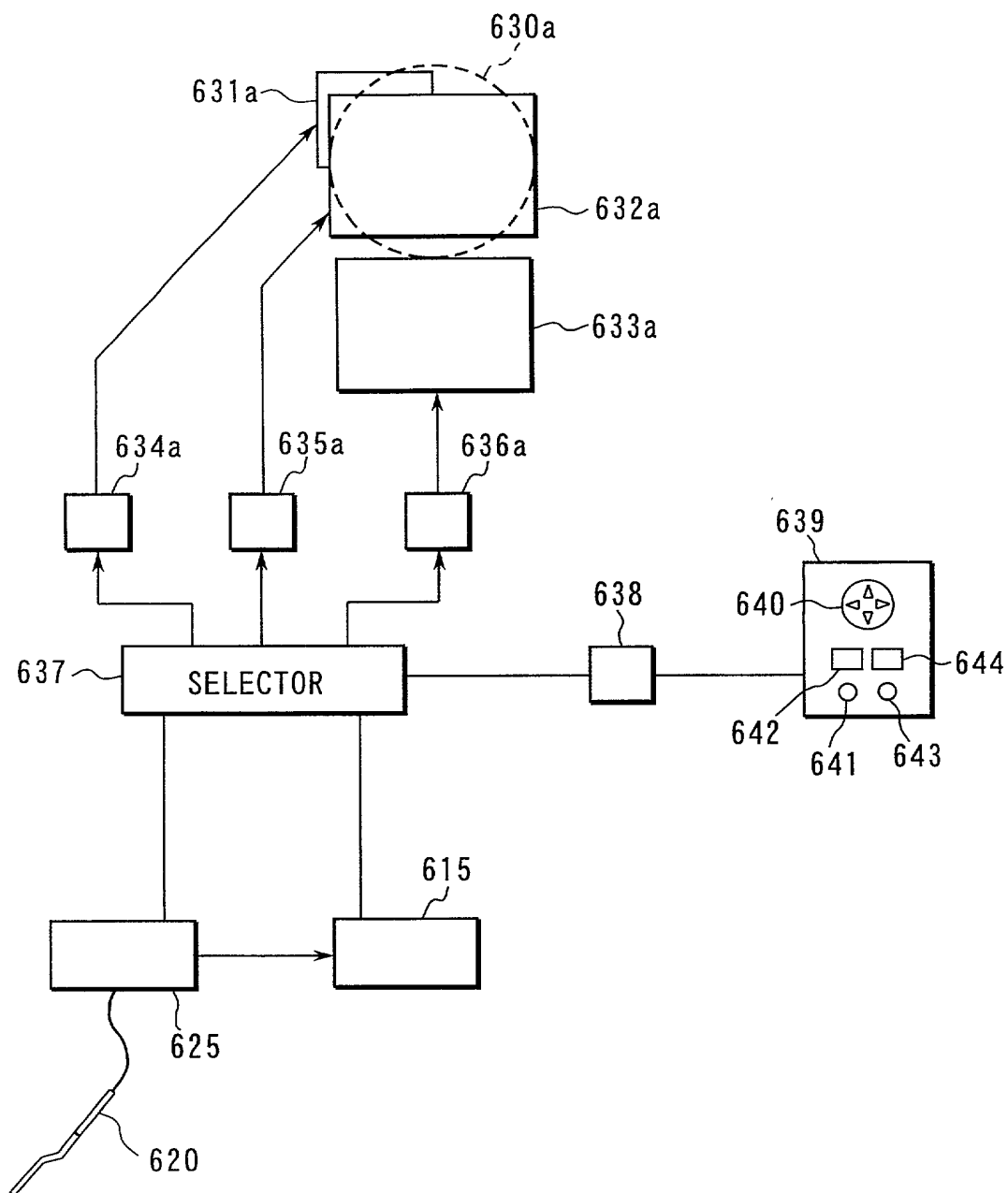


FIG. 75



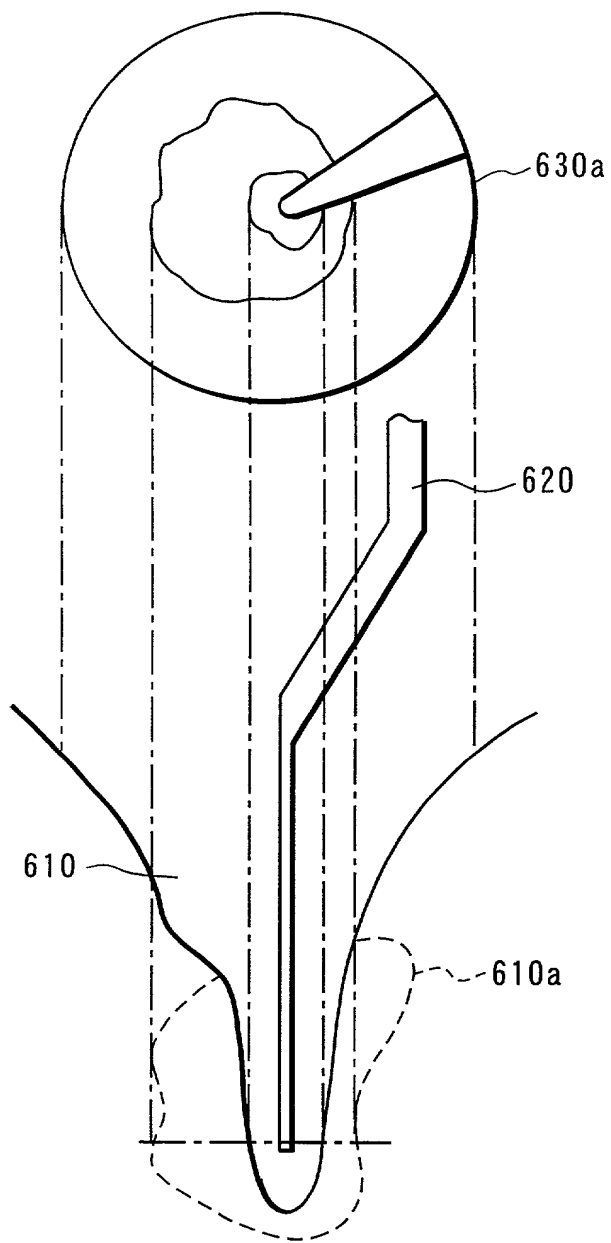


FIG. 76

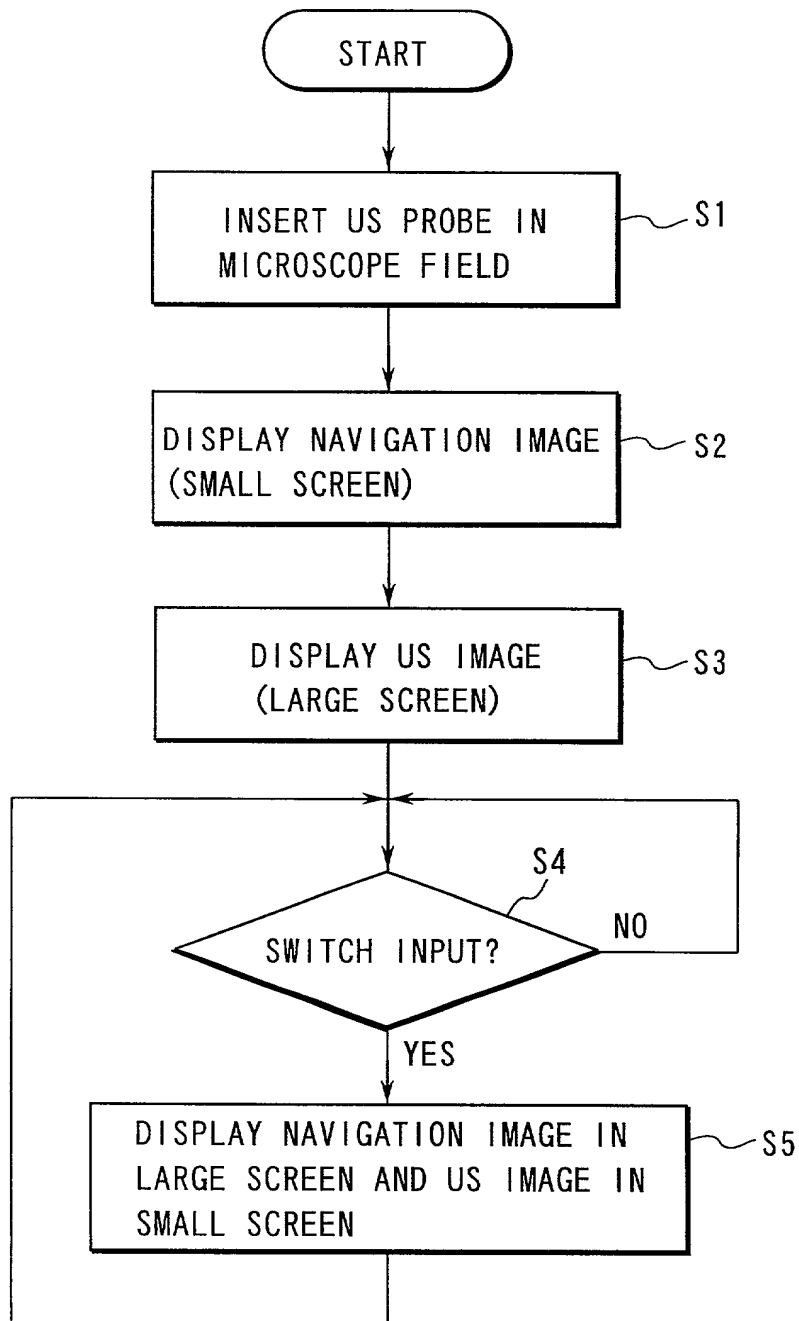


FIG. 77

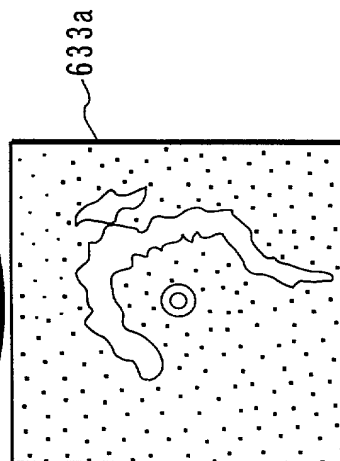
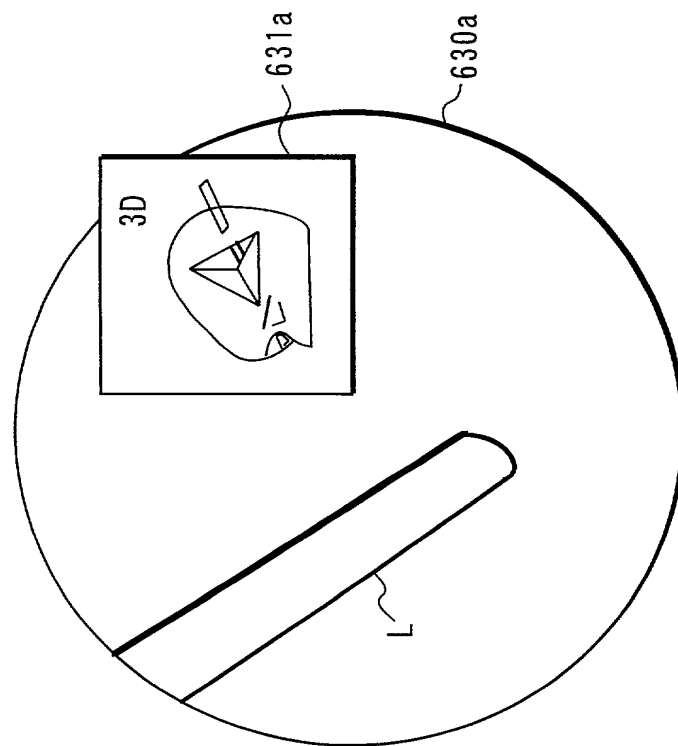


FIG. 78A

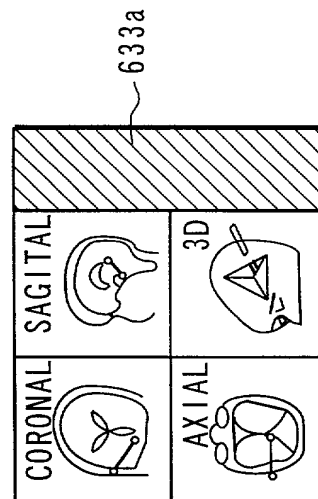
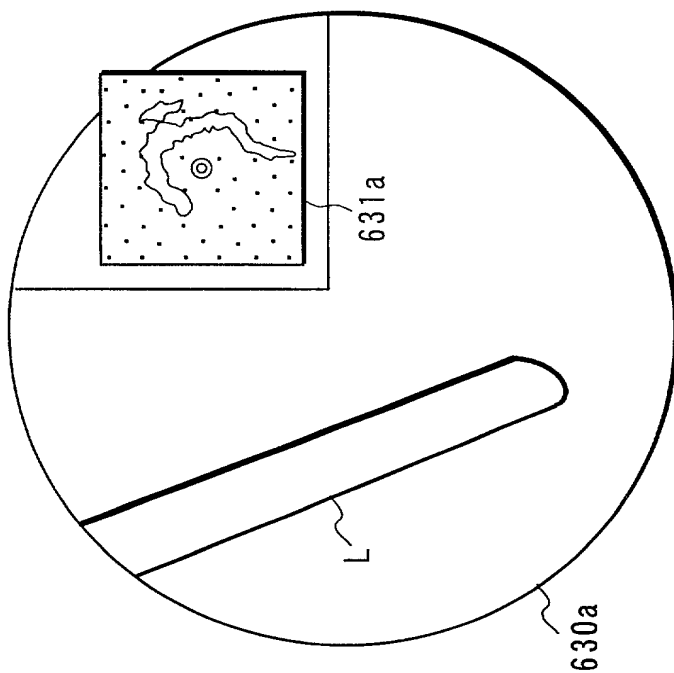
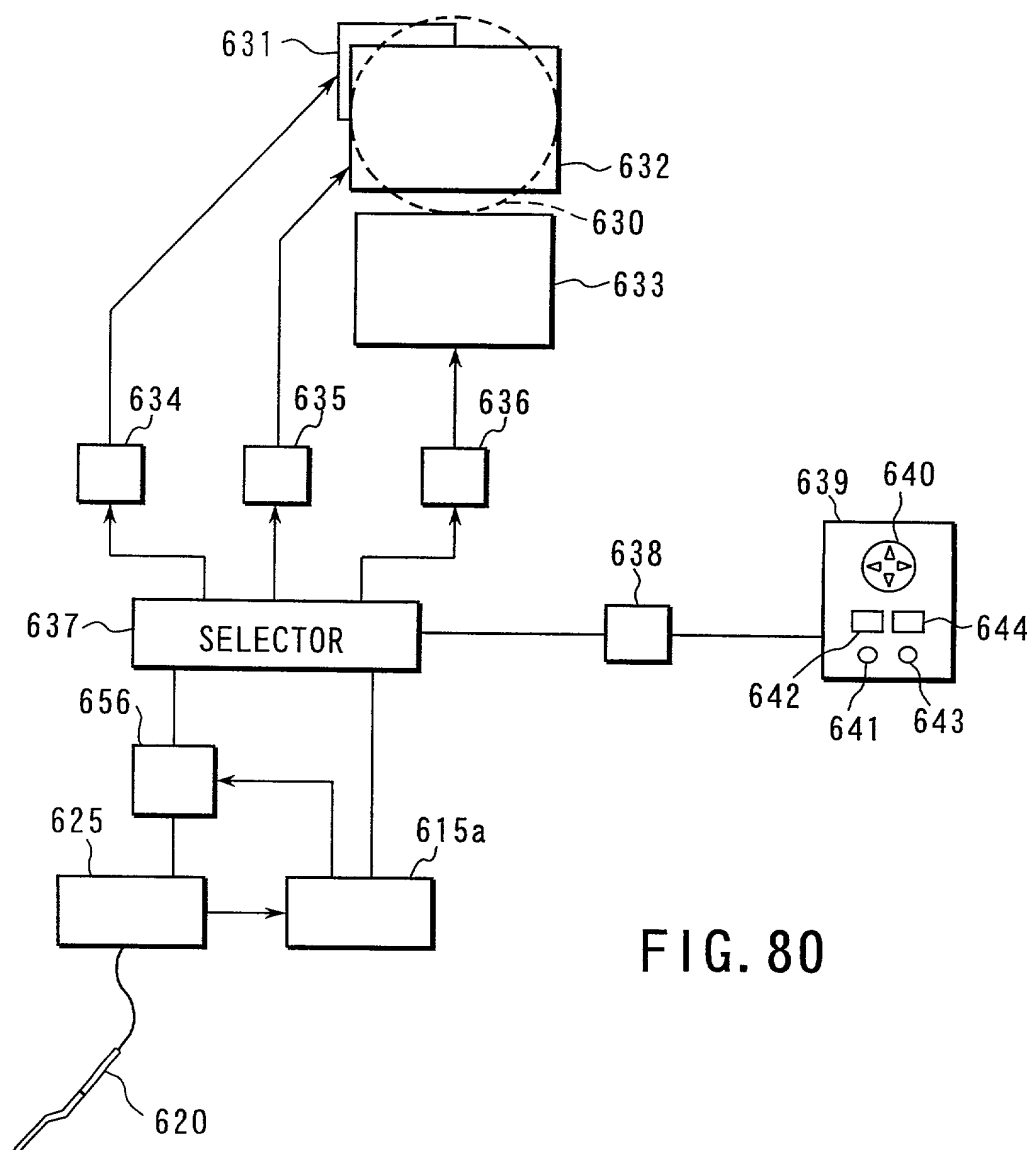
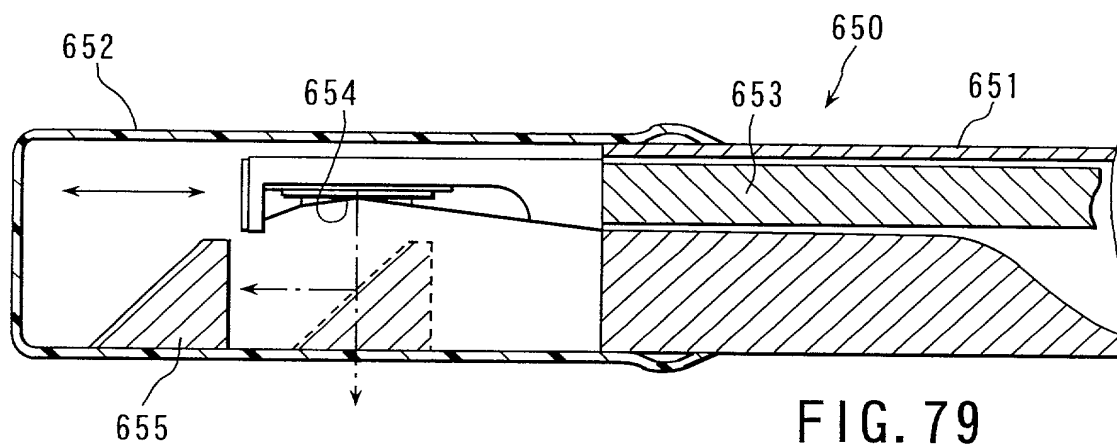


FIG. 78B



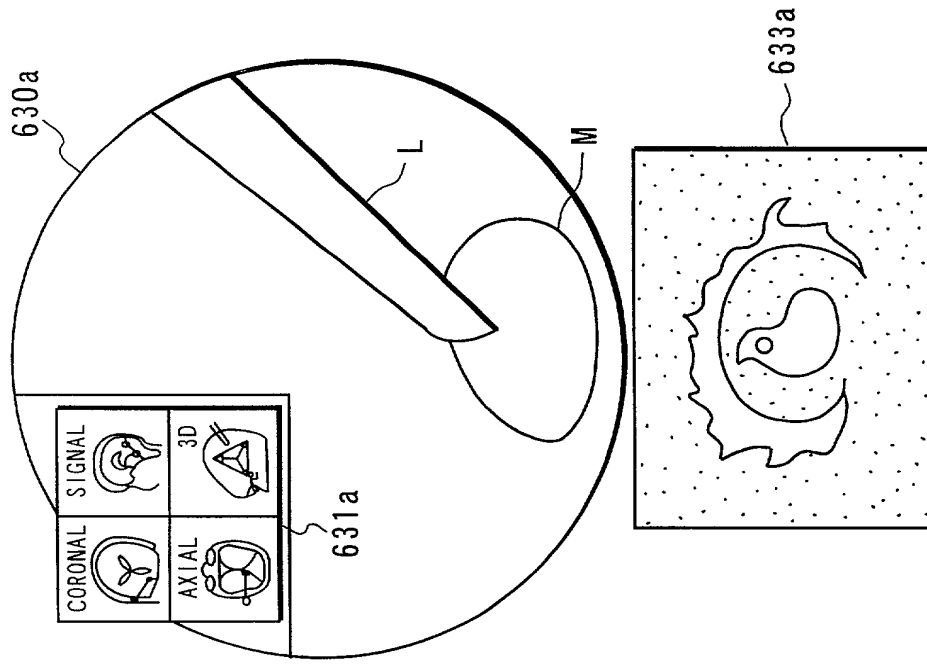


FIG. 81

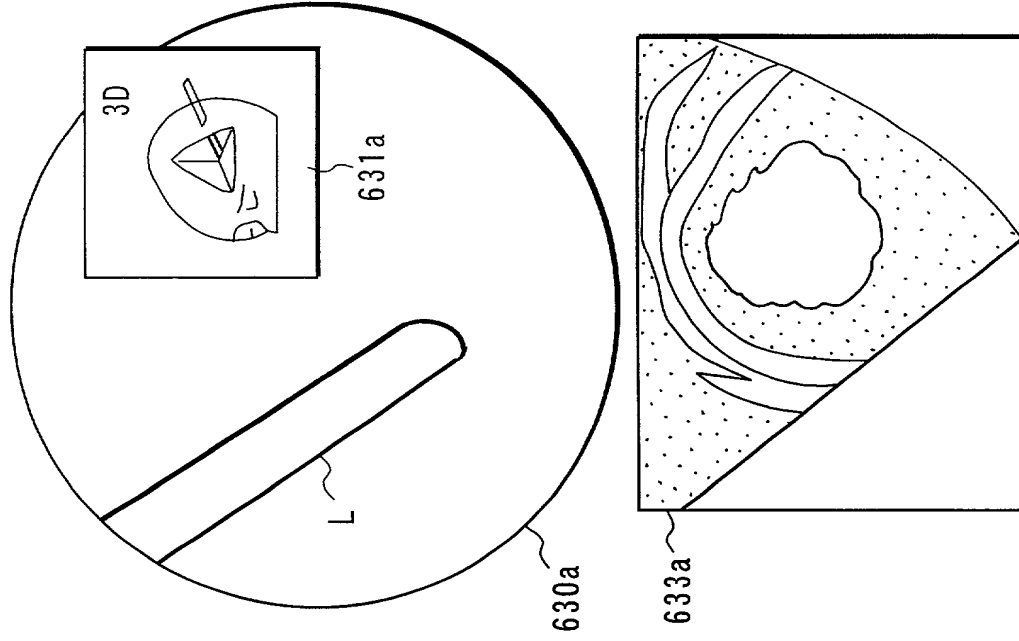


FIG. 82

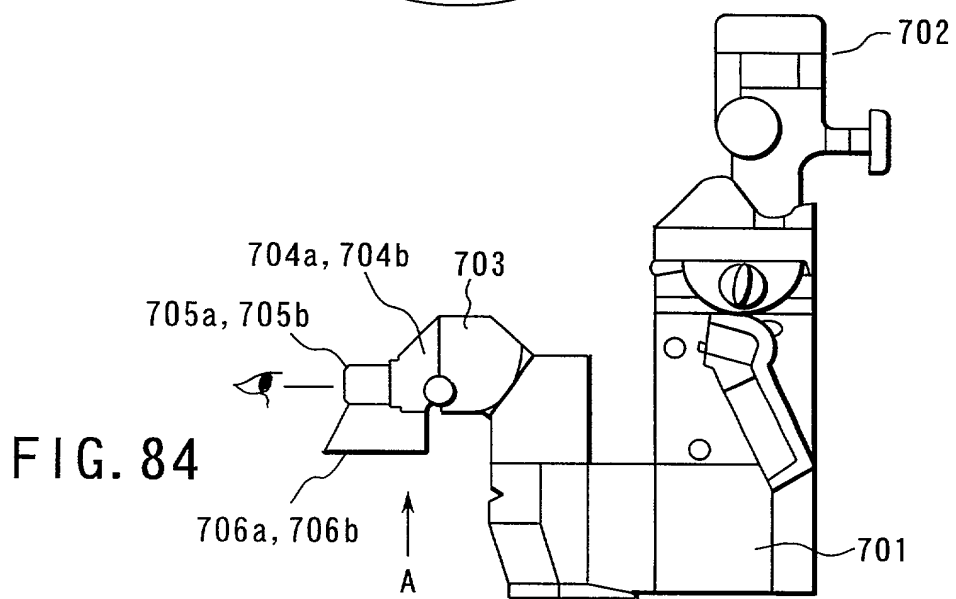
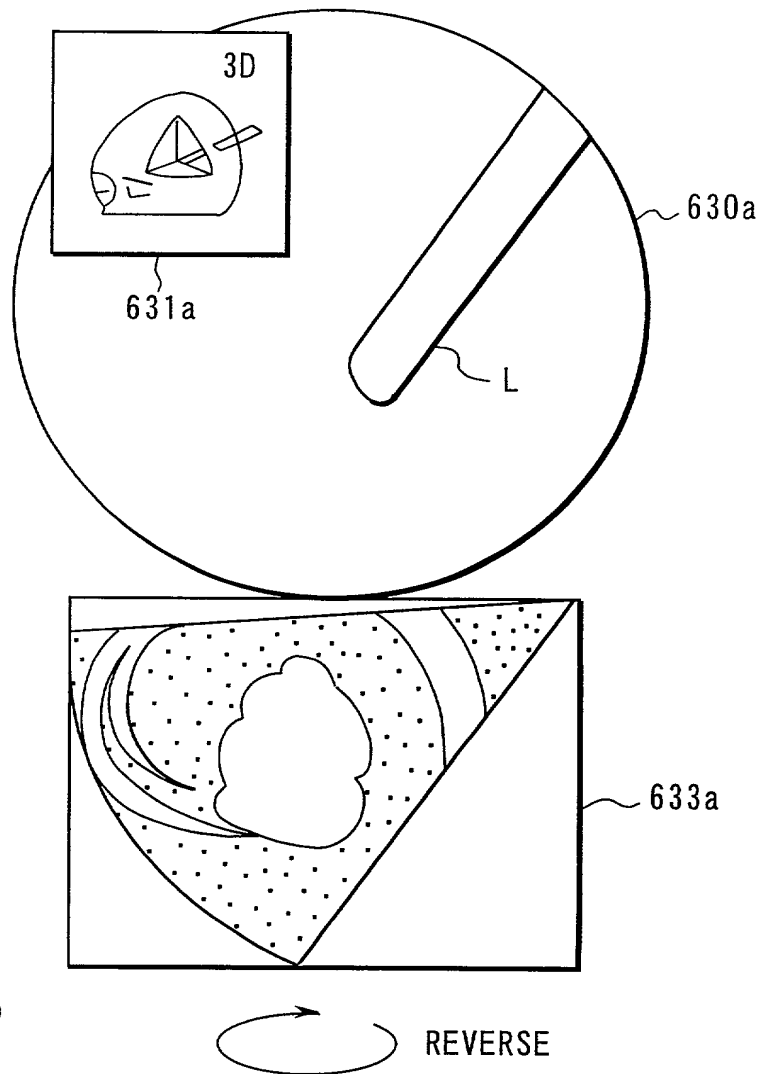


FIG. 85

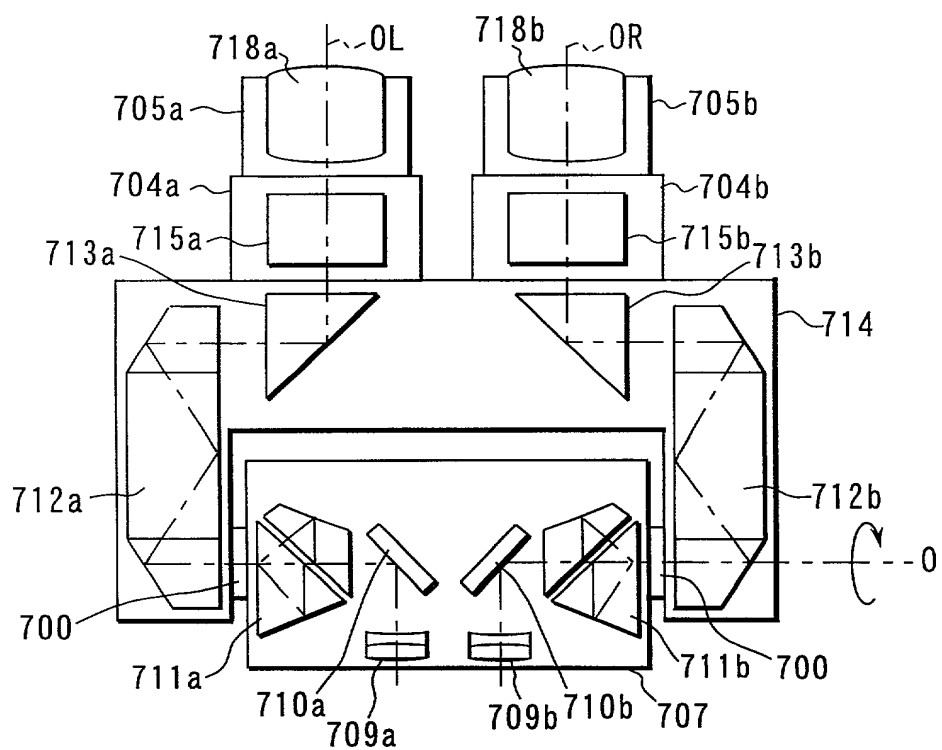


FIG. 86

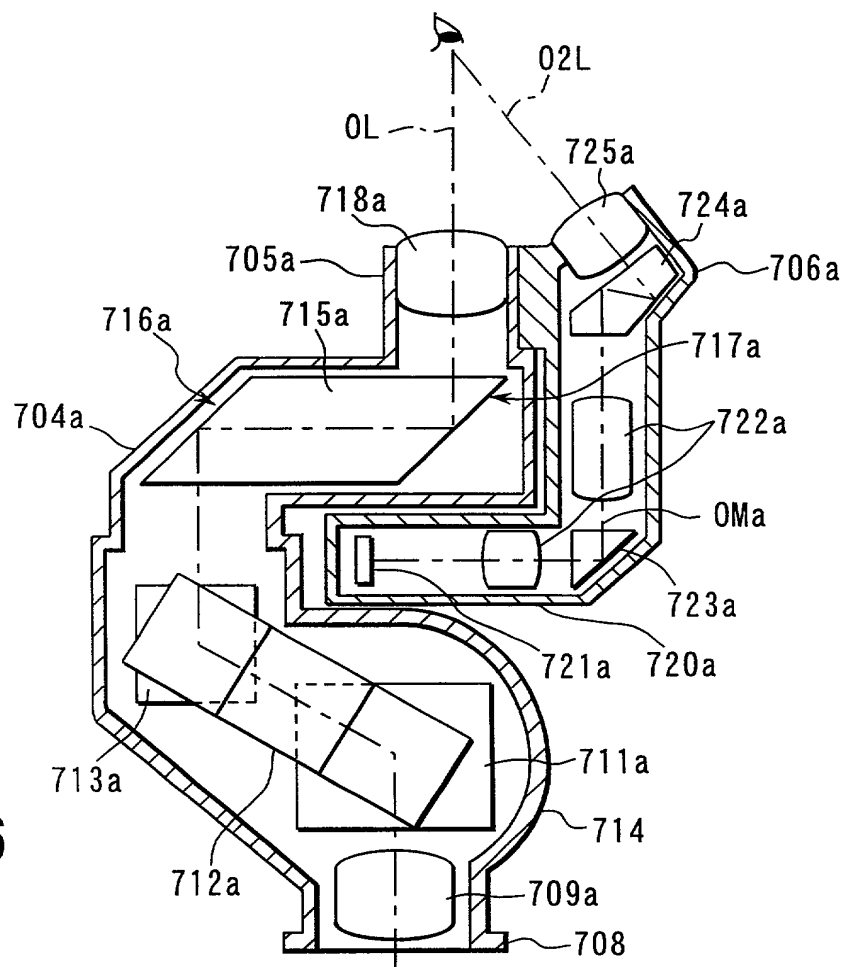
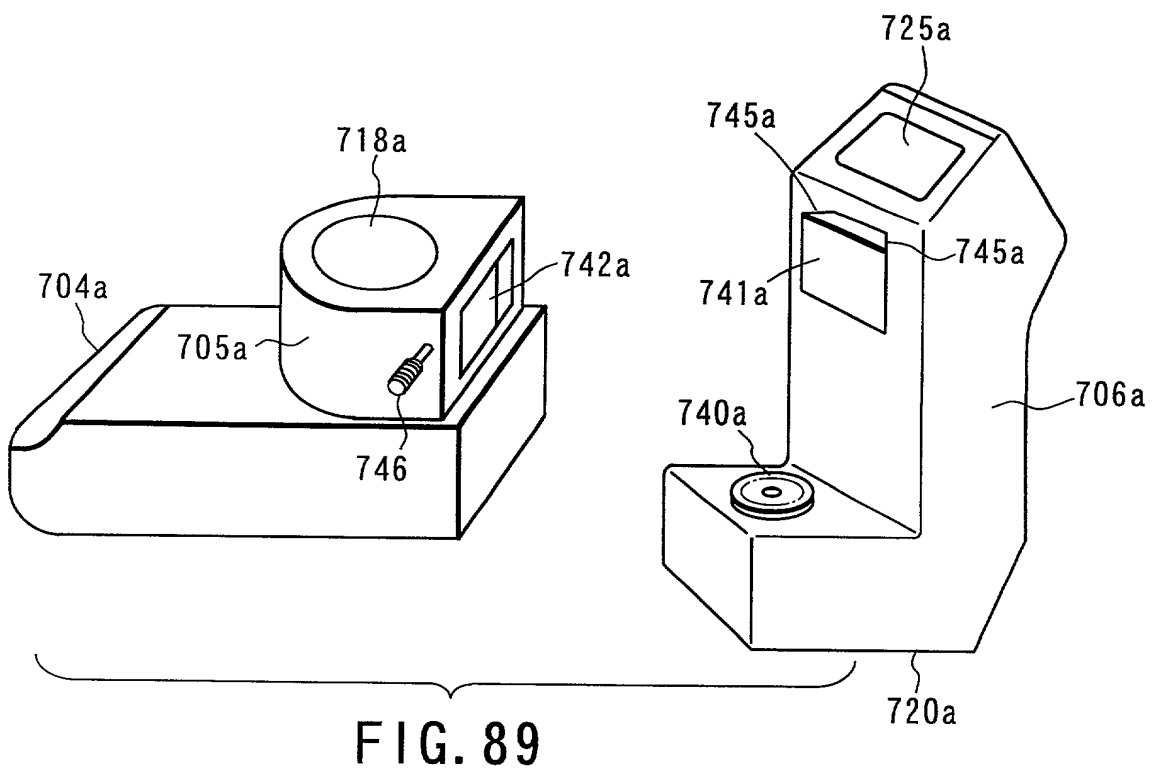
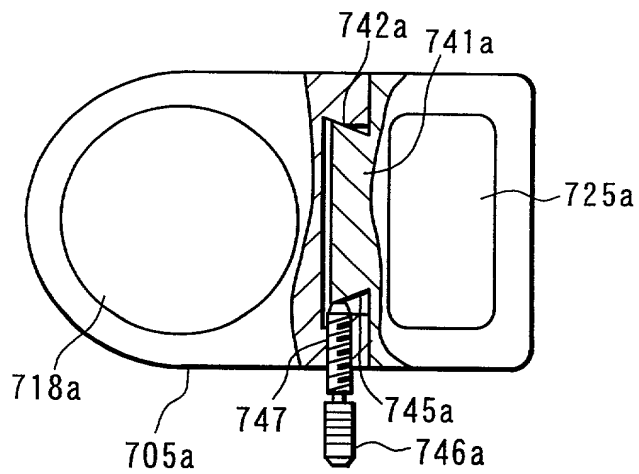






FIG. 88



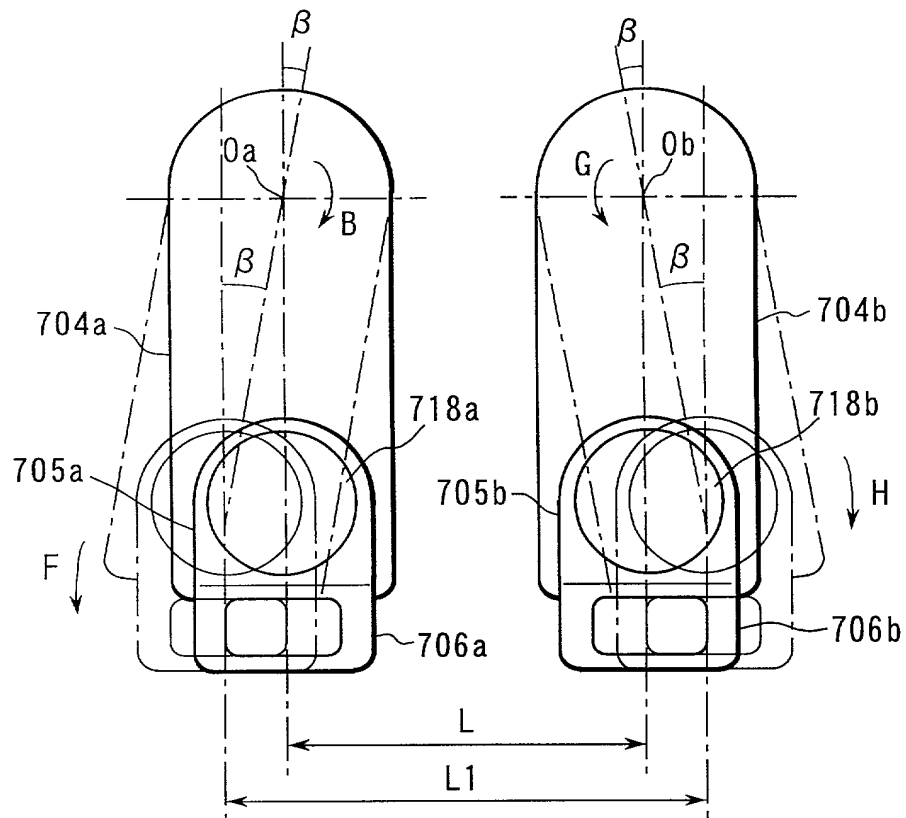


FIG. 90

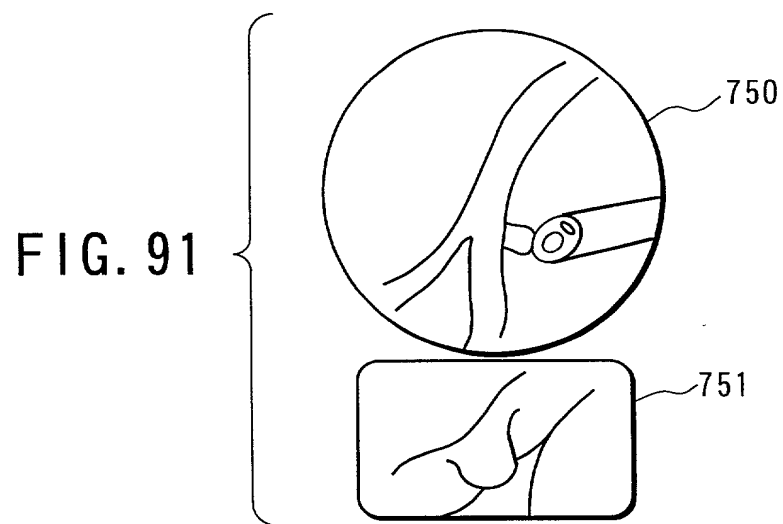


FIG. 91